1982-83
CATALOG
&
ANNOUNCEMENTS

CALENDAR FOR 1982–83

First Semester

August 21	Fall Conference for faculty
August 22	Residence halls open, 10 a.m.
August 23–25	Orientation for new students
August 25	Registration for class changes
August 26	Day classes meet on regular schedule
	*Opening Convocation
August 30	Evening classes begin
September 9	Last day for schedule changes without grade
October 2	Homecoming
October 9	Mid-semester holidays begin, 8 a.m.
October 13	Mid-semester holidays end, 8 a.m.
October 14	Tap Day
October 15	Mid-semester grades due
October 22	Last day for dropping courses with grades of WP or WF
November 8–23	Early registration for spring semester
November 24	Thanksgiving holidays begin, noon
November 29	Thanksgiving holidays end, 8 a.m.
December 7	Last regular meeting of day classes
December 8, 9	Reading days
December 10, 11, 13, 14, 15	Final Examination days
December 16	Residence halls close at 10 a.m.
December 20-24	College offices closed
December 27	Semester grades due in the Office of Records
December 29–December 31	College offices closed

Second Semester

January 9	Residence halls open 10 a.m.
January 10	Registration for class changes
January 11	Day classes meet on regular schedule
January 17	Evening classes begin
January 25	Last day for schedule changes without grade
February 18	Founder's Day
February 24	Tap Day
February 25	Mid-semester grades due
March 4	Last day for dropping course with grades of WP or WF
March 5	Spring holidays begin, 8 a.m.
March 14	Spring holidays end, 8 a.m.
March 26	Elizabethan Faire
April 1	College offices closed half day
April 3	Easter
April 11-27	Early registration for fall semester 1983
April 12, 13, 14, 15	Comprehensive examinations
April 21	Awards Day
April 25	Last regular meeting of day classes
April 26, 27	Reading days
April 27	Final grades for graduating seniors are due in the Office of Records
April 28, 29, 30, May 2, 3	Final Examination days
May 6	Semester grades due in the Office of Records
May 8	*Commencement Day
May 8	Residence halls close at 8 p.m.

*Formal academic occasion

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THE PURPOSE OF MILLSAPS COLLEGE

Millsaps College has as its primary aim the development of men and women for responsible leadership and well-rounded lives of useful service to their fellow men, their country, and their God. It seeks to function as a community of learners where faculty and students together seek the truth that frees the minds of men.

As an institution of the Methodist Church, Millsaps College is dedicated to the idea that religion is a vital part of education; that education is an integral part of the Christian religion; and that church-related colleges, providing a sound academic program in a Christian environment, afford a kind of discipline and influence which no other type of institution can offer. The college provides a congenial atmosphere where persons of all faiths may study and work together for the development of their physical, intellectual, and spiritual capacities.

As a liberal arts college, Millsaps seeks to give the student adequate breadth and depth of understanding of civilization and culture in order to broaden his perspective, to enrich his personality, and to enable him to think and act intelligently amid the complexities of the modern world. The curriculum is designed to avoid premature specialization and to integrate the humanities, the social studies, and the natural sciences for their mutual enrichment.

The college recognizes that training which will enable a person to support himself adequately is an essential part of a well-rounded education. On the other hand, it believes that one of the chief problems of modern society is that in too many cases training as expert technicians has not been accompanied by education for good citizenship. It offers, therefore, professional and preprofessional training balanced by cultural and humane studies. In an environment that emphasizes the cultural and esthetic values to be found in the study of language, literature, philosophy, and science, the student at Millsaps can also obtain the necessary courses to prepare him for service in such fields as teaching, journalism, social work, and business or for professional study in these areas as well as in theology, medicine, dentistry, engineering, law, and other fields.

As an institution of higher learning, Millsaps College fosters an attitude of continuing intellectual awareness, of tolerance, and of unbiased inquiry, without which true education cannot exist. It does not seek to indoctrinate, but to inform and inspire. It does not shape the student in a common mold of thought and ideas, but rather attempts to search out his often deeply hidden aptitudes, capacities, and aspirations and to provide opportunities for his maximum potential development. It seeks to broaden his horizons and to lift his eyes and heart toward the higher and nobler attributes of life. The desired result is an intelligent, voluntary dedication to moral principles and a growing social consciousness that will guide him into a rich, well-rounded Christian life, with ready acceptance of responsibility to neighbor, state, and church.

—adopted by the Faculty and Board of
Trustees of Millsaps College, 1955–56

1
information for prospective students

HISTORY OF THE COLLEGE

Millsaps College was founded in 1890 by the Methodist Church as a "Christian college for young men." The philanthropy of Major Reuben Webster Millsaps and other Methodist leaders in Mississippi enabled the college to open two years later on the outskirts of Jackson, the state capital, a town of some 9,000 population. The beginnings were modest: two buildings, 149 students (two-thirds of whom were enrolled in a preparatory school), five instructors, and an endowment of $70,432. Fifty years later, the student body numbered 599 and the faculty had increased to 33. Women were admitted at an early date and the graduation of Sing Ung Zung of Soochow, China, in 1908, began a tradition of the college's influence beyond the borders of the state.

Millsaps' first president, William Belton Murrah, served until 1910. Other presidents have been: David Carlisle Hull (1910–1912), Dr. Alexander Farrar Watkins (1912–1923), Dr. David Martin Key (1923–1938), Dr. Marion Lofton Smith (1938–1952), Dr. Homer Ellis Finger, Jr., (1952–64), Dr. Benjamin Barnes Graves (1965–1970), and Dr. Edward McDaniel Collins, Jr. (1970–1978). Dr. George Marion Harmon was named president in the fall of 1978.

GENERAL INFORMATION

The close personal relationship among students, faculty and the administration is one of the most vital parts of the Millsaps experience. A liberal arts college designed to train students for responsible citizenship and well-balanced lives, Millsaps offers professional and pre-professional training coupled with cultural and disciplinary studies. Students are selected on the basis of their ability to think, desire to learn, good moral character and intellectual maturity. The primary consideration for admission is the ability to do college work satisfactory to the college and beneficial to the student.

Millsaps' 1,100-member student body represents about 30 states and several foreign countries. Students come from 25 religious denominations. All are urged to take advantage of the educational and cultural offerings of Mississippi's capital city of Jackson.

Research facilities available are: The State Department of Archives and History, the State Library, the library of the State Department of Health and the Jackson Public Library. Together, they provide research facilities found nowhere else in the state. Cultural advantages include: The Jackson Symphony Orchestra, The Jackson Ballet Company, New Stage Theatre, Mississippi Opera Association, and musical, dramatic and sporting events held at the City Auditorium and the Mississippi Coliseum.

Millsaps is fully accredited by the Southern Association of Colleges and Schools and approved by the American Association of University Women and the University Senate of the United Methodist Church. It is recognized by the General Board of Education of the United Methodist Church as one of its strongest institutions.

THE MILLSAPS-WILSON LIBRARY

The Millsaps-Wilson Library has more than 150,000 volumes and 650 periodical subscriptions. It provides individual study carrels and rooms as well as browsing and lounge areas. There is a collection of audiovisual materials and listening facilities. Special collections are: the Lehman Engel Collection of books, manuscripts, recordings, and correspondence relating to the theatre and the arts; the Mississippi Methodist Archives; a rare book collection; the Kellogg Collection of juvenile books and curriculum materials; U.S. government documents; and the Millsaps Archives. The library belongs to the Central Mississippi Library Council and the Southeastern Library Network.

THE COMPUTING CENTER

In today's complex society, students need to be able to understand the role of the computer. Accordingly, a good college must have a strong computing resource. Millsaps has one of the finest computing facilities available for easy student access.

From several terminal cluster locations on campus, students and faculty can use the Digital PDP-11 RSTS/E timesharing computer system which is located in the Academic Complex. Additional resources are the PDP-8/e laboratory and teaching computer and the EAI-TR20 analog computer which are located in Sullivan-Harrell Hall.

BUILDINGS AND GROUNDS

The 100-acre campus is valued at about $30 million. Chief administrative offices are in Whitworth Hall. Murrah Hall, built in 1914, has been recently renovated to house the School of Management. Sullivan-Harrell Science Hall was built in 1928 and was renovated in 1963 to house the science program.

The Christian Center, completed in 1950, was built with gifts from Mississippi Methodists, alumni and friends. It has a 1,000 seat auditorium, a small chapel, classrooms and offices. In 1967, the stage was renovated into a modern theatre stage.

The James Observatory is an historical landmark located on the northwest corner of the campus.

The Physical Activities Center, dedicated in 1974, has courts for basketball, tennis, badminton, and volleyball. Weight-training and physical therapy rooms are also included in this multi-purpose facility. An Olympic-sized swimming pool is adjacent to this facility. Other athletic facilities include tennis courts and fields for football, baseball, soccer, and track.

The Boyd Campbell Student Center houses the office of student affairs, the bookstore, post office, student activity quarters and a recreation area, The grill and dining hall are located in the student center also.

There are three residence halls for women and two for men. All are air conditioned.

The Academic Complex, completed in 1971, includes a recital hall in which is located a 41-rank Mohler organ. The complex houses Music, Art, Political Science, Computer Services, Business Office, and the Office of Records. It also contains skylit art studios, a student computer terminal room, a music laboratory and classrooms.

ADMISSION REQUIREMENTS

Millsaps College accepts without regard to race, color, sex, creed, or national origin all who are qualified to benefit from its academic program. Applicants must furnish evidence of:

1. Good moral character
2. Sound physical and mental health
3. Adequate scholastic preparation
4. Intellectual maturity

Freshman Admission

Application for admission to freshman standing may be made by one of the following:

1. By high school graduation, provided that:

(a) The student's record shows satisfactory completion of graduation requirements with at least 12 units of English, mathematics, social studies, natural sciences or foreign lanugage. Four units of English should be included.

(b) Results of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.) are submitted and reflect satisfactory scores.

2. By Equivalency Certificate

(a) Students who have not prepared for college may submit results of the General Educational Development Tests (G.E.D.) along with a transcript of work completed in lieu of requirements set forth in paragraph one (a).

(b) At the discretion of the Admissions Committee, results of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.) may be required.

3. Early Admission

(a) Students who are nearing high school graduation, but choose to enter college before graduation, may apply by submitting an official transcript and results of the American College Test (A.C.T.) or the Scholastic Aptitude Test (S.A.T.).

(b) At least 12 units in English, mathematics, social studies, natural sciences, or foreign languages must be included. Normally, four units of English are required.

Transfer Admission

A transfer student is one entering Millsaps as a full-time student from another institution of higher learning. A completed application for admission and transcripts showing all work attempted at other colleges or universities are required. These policies apply to the transfer applicant:

1. Full credit is normally allowed for work taken at other accredited institutions. Some courses which are not regarded as consistent with a liberal arts curriculum may not be credited toward a degree. Work done at non-accredited institutions may be validated if the student makes a satisfactory record at Millsaps.
2. After earning 62 semester hours at a junior or senior college, a student may not take additional work at a junior college and have it apply toward a degree from Millsaps College.
3. A student must complete the work necessary to fulfill requirements for a major at Millsaps or for pre-professional work or teaching licenses.
4. Grades and quality points earned at another institution will be recorded as they are on the transcript. The student must earn at Millsaps quality points at least double the number of hours of academic credit remaining on graduation requirements after transfer credits are entered.
5. In the case of a student transferring to Millsaps with more than three but less than six hours credit in a required subject, the head of the department concerned may approve a three-hour elective in that department as a substitute for the remainder of the required course.
6. The student is subject to the regulation on advanced placement and credit by examination.
7. Credit is not given for correspondence courses.

Part–Time Admission

A part-time student is one enrolled in a degree program for less than 12 hours. Requirements for admission and policies pertaining to part-time students are the same as those for full-time students.

Special Student Admission

A special student is one enrolled in a non-degree program. Applicants should submit the Special Student Application Form along with the application fee. Transcripts of all academic work attempted must be provided the Office of Records prior to the end of the first month of enrollment. The following policies apply to special students:

1. Special students are expected to be 21 years of age and must present evidence of good character and maturity. Age requirements may be waived.
2. Special students may enroll for any courses without regard to graduation requirements, but must meet prerequisites for courses chosen.
3. Special students wishing to apply for a degree program must re-apply, provide full credentials and meet admission requirements for degree students. Work completed at Millsaps will weigh heavily in the decision of the Admission Committee.
4. Special students may not represent the college in extracurricular activities.

International Student Admission

Millsaps College welcomes international students. Admission credentials should be submitted well in advance of the semester in which one expects to enroll. They are:

1. Completed admission forms
2. Official transcript of all work attempted
3. Scores from the Test of English as a Foreign Language
4. Letters of recommendation from two persons
5. The application fee
6. A statement of resources for financial support while in the U.S.

Financial assistance is not available to international students so they must come prepared to pay the full cost of attending Millsaps and to support themselves during periods when the college is closed.

Advanced Placement and Credit by Examination

Students entering Millsaps College may earn a waiver of certain requirements or college credit as a result of their performance on specific examinations. The amount of waiver or credit is limited to eight hours in any discipline and to 18 hours overall.

Scores on the appropriate C.L.E.P. subject matter examination, Advanced Placement examination, or C.E.E.B. achievement test should be sent to the Office of Records for evaluation. If a waiver of requirements or credit is granted, the score on the examination used will be recorded on the student's record in lieu of a letter grade. An administrative fee will be assessed for each course so recorded. (See the section on Special Fees.)

Listed below are the Millsaps courses for which credit is given for Advanced Placement courses taken in high school and the score required in order to earn that credit. In some cases, maximum credit is only given following satisfactory completion of a Millsaps course in the same field.

Course	**A.P. Score**
Art 101, 103, 201	3, 4, 5
Biology 101-102	3, 4, 5
Biology 121-122	4, 5
Chemistry 101-102	3, 4, 5
Chemistry 121-122, 123-124	4, 5
English 101-102	4, 5*
French 201-202	4, 5**
German 201-202	4, 5**
History 101-102	4, 5*
History 201-202	4, 5*
Latin 303	4, 5*
Latin 305	4, 5*
Mathematics 108 (Calculus AB)	3, 4, 5
Mathematics 223-224 (Calculus BC)	3, 4, 5
Physics 111-112:	3, 4, 5
Physics 131-132, 151-152	4, 5
Spanish 201-202	4, 5**

*Credit may be given for a three with approval of the department chairman

**Credit will be given for a three with a grade of C or better in 251

For information concerning scores necessary to attain course credit for other examinations, such as C.L.E.P., interested students should consult with the appropriate department chairman or the dean of the college.

APPLYING FOR ADMISSION

All persons not in residence at Millsaps during the preceding regular semester must apply to the Admissions Committee and be accepted prior to registration for the fall and spring semesters.

A prospective student should apply for admission well in advance of the date on which (s)he wishes to enter, particularly if housing accommodations on the campus

are desired. The Admissions Committee acts on applications for both the spring and fall semesters as credentials are completed.

In applying for admission a prospective student should follow this procedure:

1. Submit a completed application for admission form with the application fee to the director of admissions. The fee is not refunded to a student unless the application is not approved.
2. Request the high school principal or college registrar to send an official transcript directly to the director of admissions.
   (a) Transfers must include a transcript from every college or university attended.
   (b) If the prospective student is enrolled in school at the time (s)he applies for admission, (s)he should have a transcript sent showing credits up to that time. A supplementary transcript will be required after admission.
3. Freshman applicants must submit results of either the American College Test (A.C.T.) or Scholastic Aptitude Test (S.A.T.).

COUNSELING PROGRAM

Counseling services are designed to help students accomplish maximum success in their academic work. Many members of the college community participate in counseling, and specialists are used as referral resources when problems require specialized therapy.

Pre-Registration Counseling: The college provides counseling services to any prospective student who wants to explore vocational and educational objectives before entering classes in the fall. Students who are admitted are urged to take advantage of this service.

Orientation: Freshmen and transfer students are expected to be on campus on dates specified in the college calendar. Orientation is planned and carried out cooperatively by students and faculty to help entering students prepare for campus life.

Faculty Advisors: New students are assigned to faculty members who serve as academic advisors. When a student chooses the major field, a professor in that field becomes the advisor.

Personal Counseling: The Office of Student Affairs counsels students on vocational choices, selection of fields of study, study and reading skills, emotional adjustments and related matters.

Testing: An individual testing service is available to help with self-analysis and planning in terms of interests.

STUDENT HOUSING

The dean and associate dean of student affairs coordinate housing in cooperation with residence hall directors and resident assistants. Men who are active members of a fraternity may live in its house after their freshman year.

All freshman men and women, unless they are married or live with members of their immediate families in Jackson or vicinity, are required to reside on campus in college residence halls and to dine on campus, also. Exceptions to this policy are unusual and must be authorized through the Office of the Dean of Student Affairs.

Residence hall rooms are designed to house two students each. Students wishing to room together should make every effort to pay room deposits at the same time and to specify their desire to room together. Single rooms are limited and those desiring a single room should pay their room reservation fees as early as possible. Assignments are made in the order in which this fee or completed applications are received, whichever is later. Room preferences are honored unless the rooms are already taken by students who are eligible for them. Room rent cannot be refunded after the semester begins.

Residence halls open at 10 a.m. on the day preceding each term and close at 10 a.m. on the day following the last scheduled examination of each term. During Thanksgiving and spring holidays, the residence halls will close at 3 p.m. on the last

day of scheduled classes and reopen at noon on the day preceding the resumption of classes. Students are not housed in the residence halls during Thanksgiving, Christmas, or spring holidays.

MEDICAL SERVICES

Millsaps provides medical services to its students who are suffering from minor illnesses. The services are limited to students living in Millsaps residence halls and fraternity houses. Medical services through the college physician are available through the nurse on duty or, in her absence, one of the residence hall directors or the Office of Student Affairs.

The college pays for the initial visit to the college physician for each illness.

CAREER PLANNING AND PLACEMENT SERVICES

The college has a Career Planning and Placement Office designed to assist students in the career-planning process. The process begins with the analysis of one's interests, values, abilities, and personality traits in relationship to occupational options. The process concludes with the exploration of careers and preparation for the job search or graduate education opportunities.

Career planning usually begins in the freshman year and is pursued, via testing, advising, internships, counseling, seminars and on-campus interviews, through the senior year.

Placement files, containing credentials, are maintained for interested students and alumni.

STUDENT RECORDS

In accordance with the Family Educational Rights and Privacy Act of 1974, Millsaps College students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution. It also insures that records cannot be released without the written consent of the student except in the following situations:

(a) to school officials and faculty who have a legitimate educational interest, such as a faculty advisor;

(b) where the information is classified as "directory information." The following categories of information have been designated by the Millsaps College as directory information: name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational institution attended by the student, and information needed for honors and awards. If you do not wish such information released without your consent you should notify the Office of Records in writing prior to the end of the first day of classes.

For a full statement of policy concerning the confidentiality of student records, consult the staff of the Office of Records or the Office of Student Affairs.

GATEWAY PROGRAM FOR ADULT LEARNERS

Gateway provides services for Millsaps' adult learners, including academic advising, personal and career counseling, infant and pre-school child care, orientation, and monthly meetings. These services are available to non-traditional students whether or not they are degree candidates.

CHILDREN'S CENTER

The Education Department offers a laboratory school for children ages two-five. The school is open Monday through Friday from 8 a.m.-noon. In addition, there is a drop-in service for infants and children of Millsaps students. The hours for this service are 7:45 a.m.-5 p.m.

The location of the Children's Center is 604 Webster St.

2
financial information

TUITION AND FEES

Millsaps College is an independent institution. Each student is charged a tuition which covers approximately 57 percent of the cost of an education. The balance is met by income from endowment and by gifts from the United Methodist Church, alumni, trustees, parents, and other friends.

SEMESTER EXPENSES FOR FULL-TIME UNDERGRADUATE STUDENTS

(12-16 Semester Hours)

Basic expenses for one semester are:

	Resident	Non Resident
Tuition	$2,050	$2,050
Student Association Fee	30	30
Activity Fee	30	30
Room rent*	350	
Meals**	500	
Total	$2,960	$2,110

SEMESTER EXPENSES FOR PART-TIME UNDERGRADUATE STUDENTS

(11 Hours or less)

1-7 hours	$ 135 per semester hour
8 hours	1,166
9 hours	1,387
10 hours	1,608
11 hours	1,829
Activity Fee	1.25 per semester hour

SCHEDULE OF CHARGES FOR ROOMS

	1st. Sem.	2nd. sem.	Total
Double Occupancy	$420	$280	$700
Single Occupancy***	$840	$560	$1,400

*Dormitory rooms are ordinarily rented on a yearly basis according to the schedule above. This schedule of charges is for students who enter in the fall. Those students who enter second semester will pay half the annual rate for their type of occupancy. If the student changes type of occupancy during the year the charge will be adjusted accordingly.

**Two meal plans are available at $475 and $500.

***A limited number of single rooms are available. A nonrefundable fee of $100 is required to guarantee a single room. This fee applies against room rent. Before May 1, priority in assignment of single rooms will go to upper-class students; thereafter it will be on a first come basis.

Other fees depend on the courses for which the student registers, and on circumstances related to registration.

RESERVATION DEPOSITS

Resident	$75
Non-resident	$25

CLASSROOM RESERVATION DEPOSIT—A classroom reservation deposit must be paid by all full-time students upon notification of acceptance. If a student decides not to come to Millsaps, this deposit is refundable if the Admissions Office receives a request for refund by July 1.

DORMITORY RESERVATION DEPOSIT—A room reservation deposit must be paid by all students requesting campus housing. This deposit will be credited to the student's account for payment against room charges. If a student decides to withdraw from college housing, he may receive a refund if a request is made prior to July 1. After July 1 this deposit is non-refundable and non-transferable. Payment is required by July 1, or thereafter within ten days of the date of acceptance.

LABORATORY AND FINE ARTS FEES

Fine Arts Fees

Art courses	
Each course except 201, 202, 303, 420 and 421	$ 20
Music private lessons and use of practice rooms	
Per credit hour (½ hour lesson per week)	75

Science Laboratory Fees

Astronomy — all courses	30
Biology — 101-102	
— all other courses*	
Chemistry — all lab courses*	30
— all laboratory courses breakage fee**	20
Geology — all courses*	30
Physics — all laboratory courses*	30

* Special Problems, Directed Study, Undergraduate Research
Per Credit hour 15

** Unused portion refundable at the end of the semester.

Other Laboratory Fees

Administration 336	20
Computer Studies - all courses	40
Education 337	10
Horsemanship	175
Mathematics - all courses using the computer	20
Languages 101-102	10
Psychology 312, 316	20

SPECIAL FEES

The general purpose of special fees is to allocate to the user at least a portion of the direct cost for providing special services, equipment and facilities.

COURSE OVERLOAD FEE.—A fee of $75 per semester hour is charged for course loads above 16 semester hours.

PARKING FEE.—A fee of $1 per semester hour ($15 maximum) is charged for students who wish to park on campus. This fee will help cover the cost of maintaining the college parking lots and streets. The streets on campus are the property of the college and must be maintained by the college. Students failing to register vehicles may be denied the privilege of parking on campus.

ACTIVITY FEE.—A fee of $30 is charged for general student activities. The fee covers admission to all college sponsored activities, the use of all college recreational facilities, and participation in college activities not covered by tuition. Part-time students are charged at the rate of $1.25 per semester hour.

LATE REGISTRATION FEE.—A $5 fee will be charged any student who registers after the time designated. Payment of expenses is part of registration.

CREDIT BY EXAMINATION FEE.—A $25 fee is assessed for the recording of each course for which credit is allowed if the credit is not transfer credit or if the examination is not a Millsaps examination.

CHANGE OF SCHEDULE FEE.—A $5 fee will be charged for each change of schedule authorization processed. Any change initiated by the college will have no fee.

GRADUATION FEE.—The $35 fee covers a portion of the cost of the diploma, the rental of a cap and gown, and general commencement expenses.

MUSIC FEE—Music majors who are full-time students will be required to pay only the one credit-hour fee for private instruction per instrument per semester. All other students, including special students, must pay the prescribed fee in addition to tuition for any private instruction in music.

AUDITING OF COURSES.—Courses are audited with approval of the dean of the college. There will be no charge except laboratory fee to a full-time student for auditing any course. All other students must pay regular tuition and fees for auditing courses, except that persons 65 and over may audit undergraduate courses for one-half tuition and fees.

FINANCIAL REGULATIONS

PAYMENTS—All charges for a semester are due and payable before the first day of classes. A student is registered and eligible to attend classes only after payment or other arrangements have been made with the Business Office.

Any past due accounts for which other arrangements have not been made will be assessed a late charge on a daily basis.

Any accounts due for any preceding semester must be paid before a student will be enrolled for the succeeding semester. The director of records is not permitted to transfer credits until all outstanding indebtedness is paid. No student will graduate unless (s)he has settled all indebtedness, including library fines and graduation fee.

For parents who prefer to meet educational expenses on an installment basis, Millsaps offers the monthly payment services of The Insured Tuition Payment Plan and The Tuition Plan, Inc. For information, write to:

Richard C. Knight Insurance Agency, Inc.
53 Beacon St.
Boston, MA 02108
or
The Tuition Plan, Inc.
Concord, NH 03301

A deferred payment plan may be arranged by written application to the Business Office at least two weeks prior to the beginning of the semester. Upon approval, a $15 processing fee to meet the additional handling costs, plus a daily rate on the unpaid balance will be included in the following schedule of payments:

50 percent before the first day of classes
25 percent October 1 or March 1
25 percent November 1 or April 1

If a student on the deferred payment plan withdraws after the refund period, the unpaid balance on the account is due and payable in full.

CASHING PERSONAL CHECKS—Personal checks for a maximum of $25 may be cashed in the Business Office and a maximum of $10 in the Bookstore upon proper identification.

RETURNED CHECKS - A charge of $15 will be made for each returned check issued in payment for tuition. There will be a charge of $5 per check for all other returned checks.

REFUNDS.—Room rent cannot be refunded after the semester has begun. Unused amounts paid in advance for board are refundable. A student who withdraws with good reason from a course or courses within one week after the date of the first meeting of classes on regular schedule will be entitled to a refund of 80 percent of tuition and fees; within two weeks, 60 percent; within three weeks, 40 percent, and within four weeks, 20 percent. If a student remains in college as long as four weeks, no refund will be made except for board.

The date of withdrawal from which all claims to reductions and refunds will be referred is the date on which the director of records is officially notified by the student of the intention to withdraw. (See regulations relative to withdrawals.)

The college reserves the right to cancel the registration of any student at any time. In such a case, the pro rata portion of tuition will be returned. Students withdrawing under discipline forfeit the right to a refund.

MEAL PLAN.—Students living in college or fraternity housing are required to participate in the college meal plan.

STUDENTS ROOMING IN FRATERNITY HOUSES.—Rules regarding payment of board and fees applicable to other campus residents will be observed by these students.

REVISION OF CHARGES.—Millsaps College reserves the privilege of changing any or all charges at any time without prior notice.

SCHOLARSHIPS AND FINANCIAL AID

Millsaps College grants scholarships and financial aid to students on two bases: academic excellence and financial need. Information may be obtained from the director of financial aid. Financial aid is not available to international students.

In instances of financial need, the amount of aid granted is based on information submitted by the College Scholarship Service of the College Entrance Examination Board. The College Scholarship Service assists in determining the student's need for financial assistance. Students seeking assistance must submit a copy of the Financial Aid Form to the College Scholarship Service, designating Millsaps College as the recipient, by April 1. The Financial Aid Form may be obtained from a secondary school, Millsaps College, or the College Scholarship Service, P.O. Box 176, Princeton, NJ 08540; P.O. Box 881, Evanston, IL 60204; or P.O. Box 1025, Berkeley, CA 90704.

Competitive Scholarships

The David Martin Key Scholarships are granted to promising students who are designated as the Key Scholars, and are renewable if academic requirements are met. They are a memorial to Dr. David Martin Key, who served the college as teacher and president.

Diamond Anniversary Scholarships recognize achievement and leadership potential as well as academic ability. Sixty to 70 are available each year. Some will be honorary with no financial grants being made. Recipients are selected from applicants proposed by the faculty.

The Marion L. Smith Scholarships have been authorized by the Board of Trustees in honor of former Millsaps College President Marion L. Smith. They are awarded annually to selected high school seniors on the basis of interviews conducted by faculty members. Marion L. Smith Scholarships are one year, non-renewable awards. They range in value up to $500 each.

United Methodist Scholarships provide $500 each for several Methodist students who have ranked in the upper 15 percent of their class.

The Tribbett Scholarship is awarded at the end of each session to the member of the sophomore or junior class whose quality index is highest for the year, subject to the following qualifications:

1. Must be a regular student with not less than 32 semester hours' work for the year, and must have made at least C in each of the subjects studied.
2. Must be qualified for work assigned by the president of the college.

Leadership Scholarships are awarded to outstanding students with special talent in academic, fine arts and athletic areas. Selection is based on the merit of the nominee in the field of recommendation as well as test scores, grades, and leadership. These awards are renewable annually.

Institutional Scholarships

Children of United Methodist Ministers serving in the conferences of the state of Mississippi receive scholarship aid from the college.

The Foreign Student Scholarship Program supports the Foreign Student Program which attempts to assist foreign students enrolled.

General Scholarship Funds are budgeted each year to help students requiring financial aid.

United Methodist Ministerial Students annually receive a $1,000 scholarship, contingent upon at least one year's reciprocal service in the ministry of the United Methodist Church.

The Burlie Bagley Scholarship Fund. The scholarship will be awarded to a student who is training for full-time Christian service.

The Bell-Vincent Scholarship Fund

The J. E. Birmingham Memorial Scholarship Fund

The Pet and Randall Brewer Memorial Scholarship Fund. The scholarship will be awarded each year to a student who is training for a church-related vocation.

The W. H. Brewer Scholarship

The Dr. T. M. Brownlee and Dan F. Crumpton, Sr., Scholarship Fund

The A. Boyd Campbell Scholarship Fund

The Dr. Elbert Alston Cheek and Son Scholarships

The Rev. and Mrs. C. C. Clark Endowed Scholarship Fund. This scholarship annually provides funds for deserving and needy students enrolled at Millsaps.

Mrs. J. G. Cobb Scholarship

The George C. Cortright, Sr., Scholarship

The Dr. and Mrs. J. R. Countiss, Sr., Scholarship

The Dr. and Mrs. C. W. Crisler Scholarship

The Helen Daniel Memorial Scholarship

The Charles W. and Eloise T. Else Endowed Scholarship Fund. The annual scholarships are awarded to outstanding students in the School of Management.

The William B. Fields Scholarship Fund, established in 1978, is awarded annually to a resident of Lee County, MS who has a record of high academic achievement and who has the desire to develop skills which maximize the use of individual talents.

The Josie Millsaps Fitzhugh Scholarship

The Bishop Marvin A. Franklin Scholarship Fund. Preference is to be given to a pretheological student or to some student preparing for a full-time church vocation.

The Irene and S. H. Gaines Scholarship Fund. Scholarships for Mississippi young people who are planning to enter the service of the United Methodist Church.

The Marvin Galloway Scholarship

The N. J. Golding Scholarship Fund. The income from this fund is to be awarded each year to a ministerial student or under certain circumstances to a chemistry major.

The Clara Barton Green Scholarship

The Wharton Green '98 Scholarship

The Clyde W. Hall Scholarship

The Mr. and Mrs. D. H. Hall Scholarship Fund

The Maurice H. Hall, Sr., Endowed Scholarship Fund. Established in 1978 by Maurice H. Hall, Sr., of Bay Springs, MS, the Hall Scholarships are awarded to students on the basis of academic achievement and leadership ability.

The Jim Lucas Endowed Scholarship Fund is to be awarded annually to a student who exemplifies exceptional talent in an area of technical theatre and has the desire and drive to pursue a career in that field.

The James E. Hardin Memorial Scholarship Fund. Income is to be awarded to a prelaw student at Millsaps.

The John Paul Henry Scholarship Fund. Preference shall be given to a student preparing for the ministry in the United Methodist Church.

The Herman and Martha Hines Endowed Scholarship Fund

The Rames Assad Khayat Memorial Scholarship

The Alvin Jon King Music Scholarship. Income from this fund is given to one or more students in music or music activities of the college.

The Norma C. Moore Lawrence Memorial Scholarship Fund

The Reverend and Mrs. W. C. Lester Scholarship Fund

The Susan Long Memorial Scholarship Fund

The Will and Della McGehee Memorial Scholarship. Income will go to a ministerial student selected by the college.

The James Nicholas McLean Scholarship Fund. Established by Carolyn H. McLean in memory of her husband, the fund provides assistance for deserving students attending Millsaps College.

The Lida Ellsberry Malone Scholarship

The Mr. and Mrs. G. W. Mars Scholarship. Scholarships are to be given to ministerial students.

The Robert and Marie May Scholarship Fund

The Arthur C. Miller Pre-Engineering Scholarship Fund. The income from this fund is to be awarded to a pre-engineering student.

The Mitchell Scholarship

The J. L. Neill Memorial Scholarship. The income is awarded each year to a student preparing for full-time Christian service.

The Harvey T. Newell, Jr., Memorial Scholarship

William George Peek Scholarship Fund. Established in 1979 by Mrs. Agnes Peek in memory of her husband, income from the scholarship fund is used to award an annual scholarship to an entering freshman student who combines high academic standards with leadership and extracurricular activities. The selection is made by the Award Committee.

The Bishop Edward J. Pendergrass Scholarship Fund. Interest from this fund is awarded to a ministerial student.

The J. B. Price Scholarship

The Lillian Emily Benson Priddy Scholarship. Yearly awards go to a young woman who is training for full-time Christian service.

The Kelly Mouzon Pylant Memorial Scholarship Fund provides annual financial assistance to a student preparing to enter the mission field or other area of Christian service.

The S. F. and Alma Riley Memorial

The R. S. Ricketts Scholarship

The Frank and Betty Robinson Memorial Scholarship

The H. Lowry Rush, Sr., Scholarship Fund. Income will be awarded annually to a ministerial student.

The Richard O. Rush Scholarship Fund

The Paul Russell Scholarship

The Charles Christopher Scott, III, Scholarship Fund

The George W. Scott, Jr., Scholarship will be awarded to a ministerial student.

The Mary Holloman Scott Scholarship Fund

The Inez Harvey Silverstein Scholarship

The Reverend and Mrs. Lonnie M. Sharp Scholarship Fund. Income is for scholarships with preference given to ministerial students.

The Albert Burnell Shelton Scholarship

The William Sharp Shipman Foundation Scholarship Fund. The recipient is to be a senior ministerial student chosen by the Advisory Committee of the foundation.

The Willie E. Smith Scholarship. Income will go to a ministerial student.

The Dr. Benjamin M. Stevens Scholarship Fund Of The Hattiesburg District of The United Methodist Church. The income from this fund is to be awarded to a student of the Hattiesburg District with preference given to a ministerial student.

The E. B. Stewart Memorial Scholarship Fund. Income from this fund is given to students interested in the study and development of human relations.

The R. Mason Stricker Memorial Scholarship Fund

The Mike P. Sturdivant Scholarship Fund

The Sullivan Memorial Scholarship

The Sullivan Geology Scholarship Fund. Under the terms of the scholarship, the student selected may do a year of graduate work in geology.

Sumners Scholars Grants. Made possible through the Mr. and Mrs. E. H. Sumners Foundation established by Mrs. E. H. Sumners, the Sumners Grants are awarded to students from Webster, Attala, Choctaw, Carroll, and Montgomery counties who meet residence requirements. The grants are awarded for eight consecutive semesters of study, provided the student remains academically eligible, and covers tuition, fees, room, board and books.

The Dennis E. Vickers Memorial Scholarship. Preference is given to students preparing for full-time church vocations.

The James Monroe Wallace, III, Scholarship. Interest provides a scholarship to a ministerial student.

The W. H. Watkins Scholarship

James Thompson Weems Endowed Scholarship Fund. Established by Dr. William H. Parker, Jr., in 1979 in memory of his grandfather, a retired Methodist minister and a former member of the Mississippi House of Representatives. Proceeds from this scholarship fund are awarded annually to an entering freshman whose academic credentials are complemented by exhibited traits of leadership in extracurricular activities.

The Mary Virginia Weems Scholarship

The Dr. Vernon Lane Wharton Scholarship

The Milton Christian White Scholarship. The recipient is to be an English major.

Sponsored Scholarships

Fraternity Scholarship Award—The Pi Kappa Alpha National Memorial Foundation Scholarship Award of $300 is given to a fraternity sophomore.

The Galloway Church Bible Class Scholarship

The Greater Mississippi Life Scholarship. Preference is given to students majoring in business or a related field.

The Nellie Hederi Scholarship Fund

The Wilson Hemingway Scholarship

The Joey Hoff Memorial Scholarship

The Jackson Christian Education Association Scholarship helps a student prepare for a Christian education vocation.

Jackson Civitan Scholarship is awarded to a junior student.

Mr. and Mrs. John Kimball Scholarship Fund

The Kappa Alpha-Eric Gunn Memorial Scholarship

The Panhellenic Scholarship is awarded to a woman student who is a member of one of the Greek organizations.

The Teacher Education Scholarship encourages and assists juniors and seniors preparing to enter a public school teacher career.

The United Methodist Youth Assistance Scholarship was established by the Executive Committee of the Mississippi Conference Methodist Youth Fellowship. The recipient is selected by the Conference Council on Youth Ministry. A minimum of four hours work per week in the department of Youth Ministry of the Conference Program Council is required.

Loan Funds

The Federally Insured Loan Program. Under this program the student completes a federally insured application (OE 1154) and a Financial Aid Form. He sends the FAF to College Scholarship Service listing Millsaps as the recipient. Then the financial officer at Millsaps will determine the student's need and recommend this need to the student's lender (a credit union, bank, savings and loan, and any other lending institution). The government will pay the seven percent interest while the student is in school. It is up to the student to negotiate the loan with the lender of his choice. A student may borrow in one academic year a sum not to exceed $2,500 and no more than $7,500 maximum for all years combined. Repayment of the loan begins not earlier than nine months nor later than one year after the date of graduation or withdrawal from school.

The National Direct Student Loan Program. A student may borrow in the first two academic years a total sum not to exceed $3,000 and during the undergraduate course of study a sum not exceeding $6,000. Payment of the loan begins nine months after the borrower has completed or withdrawn from higher education work and

will be completed within ten years and nine months. The interest rate is three percent during repayment. Detailed information concerning this loan and application forms can be secured from the director of financial aid at Millsaps.

Other loan funds available are:

The Coulter Loan Fund for pre-ministerial students
The Claudine Curtis Memorial Loan Fund
The William Larken Duren Loan Fund
The Paul and Dee Faulkner Loan Fund
The Kenneth Gilbert Endowed Loan Scholarship
The Phil Hardin Loan Fund
The Kiwanis Loan Fund
The Graham R. McFarlane Loan Scholarship for students going into full-time religious work in the Christian Church.
The J. D. Slay Ministerial Loan Fund
The United Methodist Student Loan Fund
The George R. and Rose Williams Endowed Loan Fund was established in 1977 by Miss Rufie Lee Williams and Mrs. J. O. Howard to honor their brother, a retired minister of the North Mississippi Conference of the United Methodist Church. Loans from the fund are available to any full-time Millsaps student who in the opinion of the Financial Aid Committee needs and is deserving of financial assistance.

Information and applications are available from the director of financial aid.

Additional Financial Aid Opportunities

Part-time Employment: Students who want part-time work on campus must apply through the Awards Committee. Students seeking employment off campus may contact the Office of Student Affairs.

The College Work-Study Program has been established from funds contributed by the federal government and the college to provide financial assistance through employment.

State Student Incentive Grants are provided by Millsaps, the state of Mississippi and the federal government. These funds are to help qualified students with substantial financial need.

Supplemental Educational Opportunity Grants are provided by the federal government to provide supplemental grants to other aid to assist in making available the benefits of higher education to qualified students of exceptional financial need who, for lack of financial means of their own or their families, would be unable to obtain an education without such aid.

Basic Educational Opportunity Grant was established by the Educational Amendments of 1972 and is funded by the federal government. When fully funded, each student is entitled each academic year to a grant of $1,670 less family contribution (method of determining this contribution to be set by the commissioner of education), or half the college cost, whichever is less.

3
student life

CAMPUS MINISTRY

Religious life at Millsaps centers around the churches of the city of Jackson and the religious life program coordinated through the campus ministry team. Churches provide communities of faith for students, faculty, and staff. The campus religious life program works to enhance the spiritual growth of members of the community. The emphasis is on the development of values and insights related to one's religious life that are informed by a keen awareness of the world and are shaped by struggling with fundamental questions about the nature of belief and of a religious lifestyle.

To meet these goals, the campus ministry program at Millsaps utilizes as fully as possible the experiences of students in the classroom and in their relationships to their peers, both being situations which raise basic questions about intellectual and spiritual growth and about the link between faith and life. Thus, programs concerning the relationship of faith to issues raised in the classroom are an integral part of the religious life program of the college. Further, such established programs as the Student Symposium and the Friday Forum Series are utilized to provide religious perspectives on critical issues.

Campus ministry at Millsaps is coordinated through the campus ministry team, a group of approximately 35 to 40 students, faculty, and staff persons who plan for the college community. The team has several emphases: human rights issues, the Religious Perspectives Series, the Voluntary Service Program, an Outdoors Events Program, and the Special Ministries Fund Program.

In addition, the Preparation for Ministry Program, designed for persons preparing for professional Christian vocations, attempts to create programs and field work appropriate to the needs of members. The Chapel Series is an occasional program of educational and worship experiences.

The campus ministry program at Millsaps is ecumenical. St Peter's Catholic Cathedral provides a staff person to the Millsaps campus who works with Catholic students and in the larger life of the college. Intervarsity Christian Fellowship regularly works with a group of students and the Episcopal Diocese coordinates the weekly celebration of the Eucharist. All programming is ecumenical in terms of participation and resource people.

The Office of the Chaplain serves as a liaison with churches, the United Methodist conferences, and other groups and agencies in the city and state. The chaplain works with students who serve internships with the Methodist Building staff, provides resources for events on and off campus related to various campus ministry concerns and actively participates in the work of the United Methodist conferences to which the college relates.

PUBLIC EVENTS COMMITTEE

The Public Events Committee receives funds from the student government to sponsor programs of general interest to the campus and community. Its major activity is the Friday Forum Series—a continuing slate of speakers presented each Friday during the academic year. The objective of the series is to provide information and stimulate interest in current issues, to explore historical events and to present differing perspectives on controversial subjects. Faculty members, local authorities and national experts are invited to present their thoughts on a variety of literary, cultural, scientific, political, religious and historical topics.

In addition to the Forum Series, the Public Events Committee sponsors special events throughout the academic year. It provides funds to student organizations and academic departments interested in organizing programs open to the entire campus. These include films, guest speakers and music recitals.

All of these activities have to do with the true aim of liberal education: the liberation of the mind to grasp the world of nature and of human experience and action in all its richness and complexity, and to respond with awareness, sensitivity, concern, and mature judgment.

ATHLETICS

The athletic policy of Millsaps College is based on the premise that athletics exist for the benefit of the students and not primarily to enhance the prestige and publicity of the college.

Competitive sports conducted in an atmosphere of good sportsmanship and fair play can make a significant contribution to the complete physical, emotional, moral, and mental development of the well-rounded individual. They are thus an integral part of a program of liberal education. An attempt is made to provide a sports-for-all program and to encourage as many students as possible to participate.

Intercollegiate

The program for men includes football, basketball, baseball, tennis, and soccer. The women's program includes basketball and tennis.

The programs are conducted on guidelines established by the National Collegiate Athletic Association and the Association of Intercollegiate Athletics for Women of which Millsaps College is a member.

Those who participate in intercollegiate athletics are required to observe and maintain the same academic standards as other students.

Intramural

The program for men provides competition among campus organizations in basketball, volleyball, softball, tennis, and soccer. The program for women includes touch football, volleyball, tennis, basketball, and softball.

PUBLICATIONS

The Purple and White is the official student newspaper of the college, and its staff is composed of individuals interested in campus journalism. The P&W endeavors to provide coverage of all Millsaps events, as well as to serve as a forum for discussion and exploration of ideas.

Now in its seventy-fifth year, the **Bobashela** is the annual student publication of Millsaps College, attempting to give a comprehensive view of campus life. Bobashela is an Indian name for good friend.

Through **Stylus**, the college literary magazine, students interested in creative writing are given an opportunity to see their work in print. The publication comes out twice each year and contains the best poetry, short stories, and essays submitted by Millsaps students.

MUSIC AND DRAMA

The Millsaps Singers

Open by audition to all students, the Singers represent Millsaps in public performances, campus programs, annual tours throughout the state, and to other areas of our United States. In recent years the choir has traveled to Colorado; to Washington, D.C.; to Atlanta, to record for the National Protestant Hour; and to Mexico. The choir has sung with the Memphis Symphony Orchestra three times, the Jackson Symphony many times, the Chicago Chamber Orchestra, and the New Orleans Philharmonic. Membership earns two semester hours of activity credit for the year's work.

The Millsaps Players

The Millsaps Players present four three-act plays each year. Major productions of recent years include **The Sea Gull, The Three-penny Opera, My Fair Lady, Julius Caesar, Camelot, Romeo and Juliet, Medea, Becket, Androcles and the Lion, Camino Real, Macbeth, Luther, The Rivals, South Pacific, Crown Matrimonial, The Day After the Fair,** and **Damn Yankees.**

STUDENT ORGANIZATIONS

Student Association

All regularly enrolled students of Millsaps are members of the Student Association. Those taking at least 12 hours or part-time students who pay the Student Association fee have full power of voting. The Millsaps Student Association is governed by the Student Senate, the Student Judicial Council, and the Student Executive Board. The Student Senate is composed of not more than 20 voting members elected from the Millsaps Student Association. Representatives are chosen by petition, with no more than 40 signatures required for any petition. (The Election Committee decides each year how many signatures will be required.) Members of the Student Senate are chosen by the third Tuesday in September and serve their constituency the length of the academic year.

Student Executive Board (S.E.B.) Officers of the Student Senate are elected at large from the Millsaps Student Association. The officers are president, first vice-president, second vice-president, secretary, and treasurer. The officers serve a term beginning and ending on February 1.

Regular student Senate meetings are held during the first week of each month, with special meetings called by the secretary at the request of 1) the president of the Senate, 2) the Senate, 3) seven members of the Senate, 4) the president of the college.

The duties and functions of the Student Senate according to the Constitution are "to exercise legislative and executive power over those non-academic areas of collegiate activity that are in most instances the responsibility of students", including 1) the apportionment of funds collected by the college as Student Association fees; 2) the granting or revoking of charters to use campus facilities and funds by student organizations; 3) formulating rules of social and dormitory conduct; 4) the conduction of Student Association elections; 5) traditional class responsibilities; 6) the intramural program.

The Judicial Council is composed of three ex-officio advisors and seven appointed members. The dean of the college, the dean of student affairs, and the associate dean of student affairs act in a non-voting advisory function. Seven voting student members in addition to three alternate members are nominated by a special committee of the Student Senate and are confirmed by the Student Senate, with a view to appropriate balance in regard to race, sex, and place of residence.

No member of the Student Senate may be a voting member of the Judicial Council. Council members serve a term of one year. They are appointed in the spring. The Millsaps Judicial Council has jurisdiction generally over all student disciplinary cases except when an individual's eligibility to continue as a student is put into question because of academic or medical difficulties. Its decisions are appealable to the president of the college.

Honor Societies

Alpha Epsilon Delta is an honorary pre-medical fraternity, founded at the University of Alabama in 1926. Leadership, scholarship, expertness, character, and personality are the qualities by which students are judged for membership. Alpha Epsilon Delta strives to bridge the gap between pre-medical and medical schools.

Alpha Eta Sigma is a scholastic and professional accounting fraternity with the following objectives: promotion of the study and practice of accounting; provision of opportunities for self-development and association among members and practicing accountants; and encouragement of a sense of ethical, social, and public responsibility.

Alpha Psi Omega, a national honorary dramatic fraternity, recognizes members of the Millsaps Players for their effective participation in acting, directing, make-up, stage management, costuming, lighting, or publicity. Each year the name of the outstanding graduating senior member of the organization is engraved on a trophy which is kept in the college trophy case.

Beta Beta Beta, established at Millsaps in 1968, is a national honor fraternity for students in the biological sciences. Its purposes are to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation of the life sciences. Monthly meetings are held to discuss new ideas, research, and other material pertinent to biology and related sciences. Activities include off-campus field trips and the invitation of nationally prominent lecturers to the campus.

Eta Sigma, scholastic honorary, was re-established on Millsaps campus in 1957.

Eta Sigma Phi is a national honor fraternity, recognizing ability in classical studies. Alpha Phi, the Millsaps chapter, was founded in December, 1935.

Kappa Delta Epsilon, a professional education sorority, promotes the cause of education by fostering high scholastic standing and professional ideas among those preparing for the teaching profession.

Omicron Delta Epsilon is the international economics honorary society. ODE is dedicated to the encouragement of excellence in economics, with a main objective of the recognition of scholastic attainment in economics. Candidates for election to membership must have an overall scholastic average of at least a B and at least 12 credit hours in economics with a B average or better. Delta chapter of Mississippi was formed at Millsaps College in 1981.

Omicron Delta Kappa is a leadership society with chapters in principal colleges and universities. Pi Circle at Millsaps brings together members of the student body and faculty interested in campus activities, together with a limited number of alumni and supporters who plan for the betterment of the college. Membership in Omicron Delta Kappa is a distinct honor.

Phi Alpha Theta, an international honor society in history founded in 1921. It now has over 600 chapters in the U.S., Porto Rico, Canada, and the Philippines. Membership is composed of students and professors, elected on the basis of excellence in the study, and writing of history. It encourages the study, teaching, and writing of history among all its members.

Phi Eta Sigma, a national honorary society which recognizes outstanding academic achievement in freshmen. The Millsaps chapter was established Dec. 1, 1981. Membership is open to all full-time freshmen who achieve a grade-point average of 3.5 in either the first semester or both semesters of the freshman year.

Pi Delta Phi is a national French honor society which recognizes attainment and scholarship in the study of the French language and literature. Its purpose is to honor those students having earned a minimum of 18 semester hours in French, and who have a high scholastic average in all subjects. Honorary members are chosen from among the faculty, alumni, and townspeople who have a special interest in the activities of this organization.

Schiller Gesellschaft was founded in order to give recognition to those students who have shown excellence in the study of German and in order to provide a forum for the study of all aspects of German civilization.

Sigma Delta Pi, the international Spanish honorary, was established at Millsaps College on Feb. 24, 1968. This honor society recognizes attainment and scholarship in the study of the Spanish language and literature. Membership is open to students with a high scholastic average in all subjects who also possess at least a "B" average in Spanish. Membership is limited to those having at least three college years of Spanish including a minimum of three hours of literature.

Sigma Lambda is a leadership and service honorary society whose members are selected on the basis of character, scholarship, and involvement in college and community activities. It brings together student leaders from many phases of campus life along with a limited number of faculty members to provide opportunities for service to the Millsaps community and to act as a channel for the exchange of information about campus events and concerns.

Theta Nu Sigma membership is offered to second semester sophomores, juniors, and seniors who are majoring in one of the natural sciences and who fulfill certain specified qualifications. The purpose is furthering general interest in the sciences.

Activity Groups

Deutscher Verein was founded to provide an organization for the informal study of various aspects of German and Austrian cultural life. At Christmas the annual "Weihnachsfest" is a campus tradition.

The Millsaps Black Students Association is designed to stimulate and improve the social and academic atmosphere for black students at Millsaps College.

FRATERNITIES AND SORORITIES

There are five fraternities and four sororities at Millsaps. The fraternities and sororities are all members of well-established national Greek-letter organizations.

The sororities are Chi Omega, Kappa Delta, Phi Mu, and Alpha Kappa Alpha.

The fraternities are Kappa Alpha, Kappa Sigma, Lambda Chi Alpha, Pi Kappa Alpha, and Alpha Phi Alpha.

Policies governing sorority and fraternity life are formulated through the Panhellenic Council and the Interfraternity Council.

Alpha Kappa Alpha is an associate member of the college Panhellenic Council.

At the end of Rush Week these organizations offer "bids" to the students whom they have selected. Eligibility for membership in sororities and fraternities is governed by the following regulations:

A. General Conditions

1. Only bona fide regular students (carrying at least 12 academic hours) may be pledged.
2. A student may not be pledged to a fraternity or sorority until his official registration for classes has been cleared by the Office of Records.
3. Each social organization shall secure a letter of scholastic eligibility of its prospective initiates from the director of records prior to the initiation ceremonies.
4. Only persons who are bona fide students at Millsaps at initiation time can be initiated except by permission of the Social Organizations Committee.

B. Scholastic Requirements

1. To be eligible for initiation, a student must have earned in his most recent semester of residence as many as 24 quality points, and in the same semester as many as 12 semester hours of academic credit, and must not have fallen below D in more than one subject.
2. A student who drops a course after the end of the half semester shall receive an F for sorority or fraternity purposes as well as for academic averages.
3. The two terms of summer school combined shall count as one semester for sorority or fraternity purposes.

MEDALS AND PRIZES

The Albert Godfrey Sanders Award in French is given to a student in intermediate French on the basis of academic excellence in the language and for general interest and contributions in the dissemination of French culture and civilization. The award is intended to encourage students on the intermediate level to continue their studies in the field of French literature, and it carries with its honor a certificate of excellence and a handsome volume, devoted to some aspect of French culture, donated by the Cultural Services of the French Embassy in New York.

The Albert Godfrey Sanders Award in Spanish has the same purpose and qualifications for the student in intermediate Spanish as the A. G. Sanders Award in French has for students of that language. The award, in addition to the honor conferred, consists of a certificate of excellence and a handsome volume devoted to some aspect of Spanish culture.

Alpha Epsilon Delta Award. The local chapter of Alpha Epsilon Delta, a national

society for pre-medical and pre-dental students, awards annually a certificate of merit to the most outstanding member of the society in the graduating class.

The Alpha Psi Omega Award, the Millsaps Players Acting Awards, the Millsaps Players/Haines Award for Scenery, and The Mitchell Award are given each year to those students who are outstanding in dramatics.

Analytical Chemistry Award. This award is sponsored each year by the Millsaps College Department of Chemistry and the American Chemical Society, Division of Analytical Chemistry, and is awarded to the most outstanding undergraduate in analytical chemistry.

Awards in German. Each year, through the generosity of the West German Federal Republic and the Republic of Austria, the Department of German presents appropriate book prizes to students showing excellence in the German language and literature.

The Beta Beta Beta Award. The Beta Beta Beta Chapter recognizes annually an outstanding member of the chapter who has demonstrated scholastic excellence and outstanding service in the field of biology.

The Biology Award. The Department of Biology recognizes annually an outstanding member of the graduating class whose major is biology.

The Biology Research Award. The Department of Biology recognizes annually a biology major who has won recognition in biology on the basis of interest, scholarship, and demonstration of research potential.

Black Students' Association Awards. The BSA recognizes annually the outstanding female and male black students on the basis of academic achievements and contributions to the organization.

The Bourgeois Medal is awarded annually to the freshman, sophomore, or junior who has the highest quality index for the year. Such student must be a candidate for a degree, and must have taken a minimum of 30 semester hours of college work during the year in which the medal is awarded to him. No student can win this medal a second time.

The C. Wright Mills Award in Sociology. This award is given each year to the outstanding senior majoring in sociology.

The Charles Betts Galloway Award for the best sermon preached by a ministerial student of Millsaps College is presented on Commencement Sunday. This annual award, established by the Galloway family in honor of the late Bishop Galloway, is a medal.

The Chi Chi Chi Award. The local chapter of Chi Chi Chi, a chemistry honorary, each year gives an award to the outstanding graduating senior in chemistry.

Chi Omega Award. Chi Omega sorority, seeking to further the interest of women in the social sciences, presents an award of $25 to the girl having the highest average for the year in the field of history, political science, psychology, sociology, economics, or other courses in the social sciences.

The Clark Essay Medal is awarded annually to that student who presents the best and most original paper in an English elective course.

Computer Science Award. The Computing Center presents an award annually to the student who has the outstanding achievement in computer science.

The Deutscher Verein Award is made to a member of this organization for his or her outstanding contribution during the current school year.

The Eta Sigma Phi Awards are made to the students with the highest scholastic averages in Latin and Greek.

The Freshman Mathematics Award is made annually by the Department of Mathematics of Millsaps College to the most outstanding freshman in mathematics.

The Founders' Medal is awarded annually to the senior who has the highest quality index for the entire college course and has received a grade of Excellent on the comprehensive examination. Only students who have done at Millsaps College all the work required for the degree are eligible for this award.

General Chemistry Award. The Chemistry Department presents annually to the

student with the highest scholastic average in general chemistry a handbook of chemistry and physics.

The General Physics Award. The Physics Department presents annually to the two students with the highest scholastic averages in general physics the "Handbook of Physics and Chemistry."

The Henry and Katherine Bellamann Award in the creative arts is a cash award and is intended to recognize the achievements of the student doing the most outstanding work in one of the creative arts—in writing, in composing, or in one of the graphic arts.

The Lambda Chi Alpha Award is given annually to that faculty member who has contributed most to understanding life and ideals set forth by the college.

The Mathematics Major Award is made annually to three majors. Each recipient is given a year's membership in the Mathematical Association of America.

The Mississippi Society of Certified Public Accountants' Award, a specially designed medal, is presented to the student majoring in accountancy who has shown superior achievement in accounting courses.

The Pendergrass Medal is awarded at Commencement to the outstanding senior student who plans to enter the pastoral ministry of the United Methodist Church and to enter seminary to prepare for this responsibility.

The President John F. Kennedy Award. The Political Science Department established the President John F. Kennedy Award to be given to the outstanding senior graduating in political science who has demonstrated qualities of excellence in academic career, personal integrity, and commitment to the highest ideals.

Ross H. Moore History Award. This award is given annually to the outstanding senior history major in recognition of Dr. Moore's distinguished service to Millsaps College for more than 50 years.

Schiller Gesellschaft Prize. The Schiller Gesellschaft offers an award annually to the graduating senior who is distinguished in the study of German.

The Janet Lynne Sims Award is a medal and $500 stipend presented annually to a full-time student majoring in pre-medicine who has completed four semesters of work. Selection is made on the basis of academic excellence. The award was established in 1977 in memory of Miss Sims by her parents, Mr. and Mrs. T. Stanley Sims, and her friends. Miss Sims would have been a member of the 1977–78 freshman class at Millsaps.

Theta Nu Sigma awards annually a certificate to the member of the graduating class who has done outstanding work in the natural sciences.

The Wall Street Journal Award is made annually by the Wall Street Journal of New York to the outstanding senior student majoring in the field of economics, accounting, and business administration.

The West Tatum Award is made annually to the outstanding pre-medical student selected by the faculty.

4
curriculum

REQUIREMENTS FOR DEGREES

Millsaps College requires a total of 124 hours for the Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration degrees and Bachelor of Science in Education, and 128 hours for the Bachelor of Music degree.

1. Requirements for All Degrees

124 hours (128 hours for the Bachelor of Music degree) are required for graduation, these to consist of

a. 120 (124 for the B.M. degree) letter graded academic hours excluding activity courses* but including core requirements and major requirements. The only exception is that a maximum of six hours in the internship program may be graded on a credit/non-credit basis.

b. a minimum of one hour of a Physical Education activity course graded on a credit/non-credit basis.

c. a minimum of three additional hours graded by either letter grade or on a credit/non-credit basis unless credit by examination applies. In this case, the maximum is 18 hours as explained in the section Advanced Placement and Credit by Examination.

*An activity course is defined as an approved, faculty-supervised physical, intellectual, or cultural activity available to the student outside the regular classroom offerings. Such courses (currently offered in music, physical education and theatre) are designated by the symbol A before the course number.

2. Core Requirements for All Degrees:

MAN AND HIS CULTURE

Literature . . . . . 6 Hours
English 201-202 or World Literature 203-204

Fine Arts . . . . . 3 Hours
Art 101-102, 104-105, 210, 220, 230, 201-202, 320
Music 101-102, 111-112, 121-122, 215, 251-252
Theatre 103-104

Religion and/or Philosophy . . . . . 6 Hours
Any religion or philosophy course for which the student qualifies (three hours of which must be in religion).

MAN AND HIS WORLD

Laboratory Science . . . . . 6-8 Hours
Biology 101-102*, 111-112, 121-122
Chemistry 101-102*121-123,122-124
Geology 101-102
Physics 111-112 or 131-132 in addition to 151-152
(*Courses not applicable towards a B.S. degree)

Mathematics . . . . . 6-8 hours
A minimum requirement of:
Mathematics 103-104 for the B.A. and B.M. degree only
Mathematics 105-106 for the B.S. Ed. degree only
Mathematics 107-108 or 115-116 for any degree (except the B.S. Ed.)
Note: Certain majors require a specific sequence. See departmental requirements.

MAN AND HIS SOCIETY

Historical Man (Person) . . . . . 6 Hours
History 101-102, World History, Ancient History

Economics, Political Science, Psychology and Sociology ..... 6 Hours
Any course in the disciplines of anthropology, economics, political science, psychology and sociology for which the student qualifies (excluding economics 201-202 for students pursuing the B.B.A. degree).
Physical Education ..... 1 Hour

ENGLISH COMPOSITION

All freshmen are required to take one of the three programs in English composition, i.e., English 101-102, 103-104, or 105. All B.S. Ed. candidates are required to take English 101-102.

HERITAGE PROGRAM

Heritage, an interdisciplinary program designed for freshmen, fulfills the following requirements:

Literature	(6 Hours)
Fine Arts	(3 Hours)
Religion	(3 Hours)
Philosophy	(3 Hours)
History	(6 Hours)

3. Additional Requirements for Bachelor of Arts and Bachelor of Music Degrees:

Proficiency at the intermediate level (202) of a foreign language ..... 6–12 Hours
Philosophy ..... 3 Hours

4. Additional Requirements for the Bachelor of Science Degree:

Two additional one-year courses in the natural sciences to be chosen from: *

Biology 111-112, 121, 122 ..... 8 Hours
Chemistry 121-123, 122-124 ..... 8 Hours
Geology 101-102 ..... 6 Hours
Mathematics 223-224, 225-226 ..... 6–10 Hours
Physics 111-112 or 131-132 in addition to 151-152 ..... 8 Hours
*The distribution of the total science requirement for the B.S. degree must include courses in three disciplines from the above list.

5. Additional Requirements for the Bachelor of Business Administration Degree:

B.B.A. Core

Accounting 281-282 ..... 6 Hours
Business Administration 220 or 221, 275, 321, 333, 334, 362 and 399 ..... 21 Hours
Economics 201-202 ..... 6 Hours
Computer 100 and Accounting 272 or Business Administration 336 ..... 4 Hours

Philosophy 311, Ethics, is highly recommended for students pursuing the B.B.A.

At least 51 hours must be earned in courses offered by the School of Management and at least 51 hours must be earned outside the School of Management.

A grade of C or better is required in each of the B.B.A. core courses.

The B.B.A. is required for accounting and business administration majors.

Coursework at the 300-level or above may be taken only by students who have completed at least 60 semester hours.

6. Additional Requirements for the Bachelor of Science in Education Degree:

Physical Education 332 ..... 3 Hours
Speech ..... 3 Hours
Biology or Physical Science (so that when combined with other requirements both areas are covered) ..... 3 Hours
Specialized and Professional Education ..... 69 Hours

7. Residence Requirements:

To qualify for graduation from Millsaps, 30 of the last 36 hours of academic work must be done in residence as a degree-seeking student. The two exceptions allowed to this rule are: (1) pre-engineering dual-degree program students may transfer back as many as 31 hours, (2) students who have been approved for the prescribed pre-medical technologist program may take the last 26 hours at the affiliated institution and (3) students leaving to enter graduate or professional school may transfer back the final 26 hours of work (in this case, however, residence will be required at Millsaps for the second semester of the junior year and the first semester of the senior year).

8. English Proficiency Requirement:

Before receiving a bachelor's degree each student is required to demonstrate proficiency in English composition and usage by passing an examination given by the English Department. It consists of a 500-word essay written extempore within two and one-half hours on a subject selected from a list furnished at the examination. Students who made grades of A or B on English 101-102, 103-104, or 105 at Millsaps are exempted from this examination.

The examination is given by the English Department twice in the academic year. The regular administration is on the second Thursday in November from 4 to 6:30 p.m. A special administration of the examination is given on the second Thursday in March from 4 to 6:30 p.m. to seniors who hope to graduate but who have not passed the Junior English Proficiency Examination. Seniors who fail the special examination and who think they have compelling cause may petition the dean of the college for an extraordinary administration of the examination in the summer session following. If the dean grants the petition, he may also stipulate that the student must audit English 101-102 during the summer session.

All rising juniors, transfer students at the junior and senior levels, and seniors who failed the examination in their junior year must be present for the November administration of the proficiency examination.

Each student who fails the examination in November is assigned to a member of the English Department for remedial instruction.

9. Majors:

In addition to taking the prescribed work for the degree, the student must major in one of the following areas: accounting, art, business administration, biology, chemistry, church music, economics, education, English, French, geology, German, history, mathematics, music, philosophy, physics, political science, psychology, religion, sociology, Spanish, and theatre.

Specific requirements for the major can be found under the appropriate department of instruction. Students may be permitted to major in a subject only after careful consideration and with the consent of the chairman of the department.

A major for each student must be approved by one of the department chairmen not later than the beginning of the junior year. The student must complete the proper forms in the Office of Records.

No junior or senior registration will be accepted as complete by the Office of Records without the signed approval of the major professor.

A student may have more than one major by completing the requirements in the departments involved.

10. Minors:

While there is no requirement that students complete a minor as a part of their degree, they may elect a minor in those departments which offer one.

Ordinarily a student must have a minimum of 12 hours in a department beyond what is used to meet degree requirements in order to qualify for a minor. Specific requirements for a particular minor can be found under the appropriate department of instruction.

11. Comprehensive Examinations:

Before receiving a bachelor's degree the student must pass a satisfactory comprehensive examination in the major field of study. This examination is given in the senior year and is intended to cover subject matter greater in scope than a single course or series of courses. The purpose of the comprehensive examination is to coordinate the class work with independent reading and thinking in such a way as to relate the knowledge acquired and give the student a general understanding of the field which could not be acquired from individual courses.

The comprehensive examination requires at least three hours and is part written and part oral, the division of time between the two to be at the discretion of the members of the department concerned. The oral examination will be conducted by a committee composed of members of the department, and, if desired by the department, one or more members of the faculty from other departments or other qualified persons.

A student may take the comprehensive examination only if the courses in which (s)he has credit and in which (s)he is currently enrolled are those which fulfill the requirements in the major department. (S)he may take the examination in the spring semester if (s)he will be within 18 hours of graduation by the end of that semester. The examination will be given in December or January for students who meet the other requirements and who will not be in residence at Millsaps during the spring semester.

The time of the comprehensive examination given in the spring semester is about mid-April of each year. Comprehensive examinations will not be given during the summer except by permission of the dean. Those who fail a comprehensive examination may have an opportunity to take another examination after the lapse of two months. Additional examinations may be taken at the discretion of the chairman of the student's major department with the consent of the dean of the college.

12. Quality Index Required:

A minimum of 240 quality points is required for the B.A., B.S., B.B.A., and B.S. Ed degrees: 248 for the B.M. degree. An over-all quality point index of 2.00 is required of all students. Transfer students must have at least a quality point index of 2.00 on their Millsaps work. The index is always calculated on the total number of academic hours attempted; however, an exception to the rule of hours attempted is allowed in instances where courses are repeated at Millsaps. (See page 51).

13. Application for a Degree:

Each student who is a candidate for a degree is required to submit a written application for the degree by November 1 of the academic year of graduation. This date will apply also to students who plan to complete their work in the summer session. Forms for degree applications are to be secured and filed in the Office of Records.

14. Requirements for a Second Degree:

In order to earn a second degree from Millsaps College a student must have thirty additional semester hours of work beyond the semester hours required for the first degree and these additional hours must include all of the requirements for both the second degree and the second major.

15. Required Sequence of Courses for All Regular Students:

Freshmen students shall enroll in the appropriate course in English composition (unless exempt by examination) and in at least one other prescribed course as listed in the Core Curriculum or the Additional Degree Requirements.

Sophomore students shall enroll in at least two prescribed courses as listed in the Core Curriculum or the Additional Degree Requirements.

Enrollment in the required language courses will begin not later than the first semester of the junior year. It is recommended that language be started in the freshman or sophomore year. Those freshmen who, by virtue of previous study, plan to satisfy the language requirement taking courses at the intermediate level only, are strongly advised to begin such courses in the freshman year while their experience in the language chosen is recent.

PRE-MEDICAL AND PRE-DENTAL

It is the responsibility of the pre-medical and pre-dental students to consult the catalogs of the schools to which they wish to apply for their specific requirements. The following courses are required by many medical and dental schools.

Biology 121-122..... 8 hours
Chemistry 121-123, 122-124. 8 hours
Chemistry 231-233, 232-234. 10 hours
English 101-102..... 6 hours
Mathematics 115-116.....8 hours
Physics 111-112 or 131-132 in addition to 151-152.....8 hours

The student is urged to consult with a member of the Pre-medical Advisory Committee, (Al Berry, George Beardsley, Robert Kahn, James McKeown and Edmund Venator), in designing a program that will fit particular needs, background, and interest.

Millsaps College and many medical and dental schools strongly recommend that the student obtain a baccalaureate degree in an area of interest. This catalog should be consulted elsewhere for the exact major and degree requirements. Millsaps and most medical and dental schools also strongly recommend that the student develop a sound background in the humanities and social sciences.

Some medical and dental schools will not accept credit in laboratory science courses obtained by C.L.E.P. or advanced placement tests. If the student plans to obtain such credit, he should first consult the medical or dental schools in which he has an interest to be certain that the school will accept such credit.

The student should remember that the requirements listed in a medical or dental school catalog are minimal but that (s)he should obtain maximum preparation. In general, the student who is weak in some science, as shown by performance in introductory college courses, is urged to take further work in that science to prepare adequately. The student should also utilize limited time in taking courses that will not be available during professional training. The following courses are recommended as electives by many medical and dental schools.

Biology (251, 301, 381, 383, 391 or 315)
Chemistry (251-253, 264-266 or 363-365, 364-366)
English (201-202 or 203-204)
Economics and Business Administration
Foreign Language (reading knowledge)
History (101-102)
Mathematics (223-224 or 225-226)
Philosophy
Physics (301, 306, 311, 315, or 316)
Psychology
Sociology

The Heritage Program gives the student a more flexible schedule and time to take additional courses of interest and need.

PREPARATION FOR MINISTRY

A program for students planning for or interested in exploring a form of professional Christian ministry

Millsaps College has enjoyed a tradition of close involvement with students from all denominations and faiths—particularly from The United Methodist Church—whose vocational goal or interest was a form of professional Christian ministry. The Preparation for Ministry Program is designed to offer a wide variety of experiences for persons who have decided on or would like to explore some form of Christian ministry as a personal vocation. The specific purposes of the program are as follows:

a. To encourage personal growth in relation to self and other persons.
b. To explore meanings and forms of ministry and to encourage openness to the many ways that the Christian Gospel speaks to human beings and their worlds.

c. To keep students closely in touch with the resources and personnel of their denomination or faith, and to serve as a liaison with key administrative persons of these bodies.

d. To support students who wish to explore some form of professional ministry as a possibility for themselves.

e. To assist students in developing a vision for their own ministry.

f. To involve students in various types of competency training relevant to professional ministry.

g. To provide a supportive, encouraging community for students planning for or interested in professional ministry.

The Preparation for Ministry Program provides a basic link between the college and the conference/diocese/presbytery or other structure to which a student is responsible. In the case of United Methodists, the program is a supplement to the candidacy program. This program is also a clearinghouse for student employment in various capacities in congregations or church agencies. Participation by United Methodist students is obligatory for receiving the ministerial grant.

The following is the format for the program on a four-year basis:

First Year: Exploration of personal motivations for professional ministry through a variety of personal interviews, group sessions and programs; building relationships with other participants; exploring meanings and forms of ministry through interviews, programs and field trips.

Second Year: Personal growth experiences through two weekend personal growth seminars (one each semester) focused on self-development, assessment of style of working with people and interpersonal relations, with continuing emphasis on the development of one's personal vision of ministry, and with optional personal growth experiences growing out of these seminars; experiences designed to expose students to working situations (church school classes, youth ministry programs, etc.); training in knowledge and skills for particular tasks, with options according to previous experiences and interests, in areas such as education, music, youth ministry, group dynamics, planning process, and other areas to be designated as the need arises.

Third Year: Internships to be developed in consultation with the student in order to fit his or her interest. (Internships will carry academic credit in the Department of Religion and will include careful goal-setting, supervision and reflection); consultations as preparation for seminary choice and enrollment.

Fourth Year: Further skill training; seminar based on personal growth, need assessment and goal setting.

Special arrangements will be made for persons who transfer in after the first or second years of their college work and for persons with special circumstances.

The coordinator for the Preparation of Ministry Program will be the chaplain to the college, assisted by the Department of Religion and two pre-seminary students. These persons will work with an advisory committee which will include the deans of students, the academic dean, the director of church relations, representatives of the supervising pastors of the two United Methodist conferences in Mississippi, representatives of denominations or faiths other than United Methodist, chairpersons of the Boards of Ordained Ministry, and other students who are interested in or planning for some form of professional Christian ministry. All incoming students who will receive the ministerial grant or who would like to explore Christian ministry as a personal vocation may secure a flyer and enroll in the program in the Department of Religion or the Office of the Chaplain.

PRE-LAW

No particular major or sequence of courses is necessary for students planning to go to law school; there is no ideal pre-law program for all students. To do well in the study of law, a student should possess:

(a) ability to communicate effectively and precisely
(b) critical understanding of the human institutions with which the law deals
(c) creative power in thinking.

Different students may obtain the desired training in these three areas from different courses. Therefore, students should consult with their faculty or major advisers and with the pre-law adviser in designing a program of courses that will best fit particular needs, background, and interests. The student with a pre-law interest should consult the pre-law adviser, John Quincy Adams, from time to time.

PRE-SOCIAL WORK

Students who wish to prepare for a professional career in social work should plan a broad liberal arts program with a major in one of the social sciences. Introductory courses in sociology, psychology, and social work are essential. Other courses which are strongly recommended include Social Problems, Theories of Personality,and Social Psychology. Internships can provide valuable practical experience with community social welfare agencies. Students are urged to consult with their faculty advisers to plan a schedule.

EDUCATIONAL CERTIFICATION PROGRAMS

TEACHER EDUCATION

Millsaps offers an elementary education major with certification in kindergarten through the eighth grade. The student may receive a major in physical education with certification in kindergarten through the twelfth grade. The student seeking secondary certification must take specific education courses, courses in the area of expertise and additional courses in the core requirement.

It is the responsibility of the student at both the elementary and secondary levels to coordinate courses for certification with requirements for graduation from Millsaps.

At all levels students have an opportunity to do laboratory work in both the public and private schools.

In addition to the courses required for degrees by Millsaps College, the courses listed below are specific requirements needed to qualify for the Class A Elementary Certificate and the Class A Secondary Certificate.

ELEMENTARY EDUCATION PROGRAM

The requirements for certification include all Elementary Education courses in the departmental listing.

SECONDARY EDUCATION PROGRAM

All students receiving certification in secondary education must complete all existing Millsaps requirements for either the B.A. or the B.S. degree. In addition the following courses must be completed.

General Education (21 hours):	**Sem. Hrs.**
Science (in area, physical or biological, not taken in core requirements)	3
English 101 and 397 (Composition and Grammar)	6
Education 301 and 221 (Career Education and Survey of the Exceptional Child)	6
Health 332 (Consumer Health)	3
Speech (any Speech class)	3
Total	21

Professional Education (21 hours):	
Education 215 (Reading in the H.S.)	3
Education 352 (Educational Psychology)	3
Education 207 (Adolescent Psychology)	3
Education 372 (Principles of High School Teaching)	3
Education 362 (Secondary Methods)	3
Education 452 (Directed Teaching in Field)	6
Total	21

Specialized and Professional Education in Grades 7-12 . . . . . Sem Hrs.

Bible: (Survey of Old Testament, Survey of New Testament, Comparative Religion) . . . 24

English

English 301-302 (American Literature) . . . 3
English 201-202 (English Literature) . . . 3
English 365-366 (Shakespeare) . . . 3
English 397 (Advanced Grammar and Effective Writing) . . . 3
History of English Language (To be offered in the 1981-82 academic year) . . . 3
Survey of Contemporary Literature (To be offered in the 1981-82 academic year) . 3
English Electives . . . 12
Foreign Language . . . 12
Total . . . 42

Foreign Language

No set course requirements—Maximum requirement for French, Spanish, and German . . . 24

Mathematics:

Math 211 (Calculus with Analytic Geometry 1) . . . 3
Math 223-224: Math 225-226 (Calculus II) . . . 3
Math 325-326 (Calculus III or Linear Algebra) . . . 3
Math 361 (Modern College Geometry) . . . 3
Math 335 (Applied Probability and Statistics) . . . 3
Three of the following for a total of nine semester hours . . . 9
Math 325-326 (Calculus III or IV)
Computer 100, 110, 210, 271, 272 (Basic Computer Science)
Math 345 (Abstract Algebra)
Math 103-104 (Foundations of Math)
Math 391-392 (History of Math)
Math 391-392 (Number Theory)
Math 391-392 (Foundations of Analysis)
Total . . . 24

Social Studies **Sem. Hrs.**

History 101-102 or Heritage 101-102 (World or European History) . . . 6
History 201-202 (American or U.S. History) . . . 6
History 308 (Mississippi History) . . . 3
Economics 201, 202, 303, or 304 (Economics) . . . 6
Political Science 101-102 (Political Science) . . . 6
Physical Geography 101, Historical Geography 102 (substitutes for Physical Geography S105 and Economic Geography S205) . . . 6
Sociology 101 (Sociology) . . . 3
Electives in Social Studies (Offered in the Departments of History, Economics, Political Science, Sociology and Geology) . . . 9
Total . . . 45

Science

Total semester hours required per endorsement . . . 32
Biological Science . . . 32
Chemistry . . . 32
Earth Sciences . . . 32
General Science . . . 32
(Chemistry three hours: Physics three hours)
Physics . . . 32

Second major area requires 32 hours of science, 16 of which must be in the area of specialization.

Specialized and Professional Education in Grades K-12

Art **Sem. Hrs.**

Art for Children . . . 3
Drawing . . . 6
Painting . . . 6
Art History . . . 6
3-D Art . . . 3

Basic Design . . . 3
Applied Design . . . 3
Crafts . . . 3
Total . . . 33

Music

General:
Music 101-102, 201-202, 303-304 (Theory) . . . 12
Music 251-252, 381-382 (Music History and/or Literature) . . . 6
Music 362, 341 (Conducting) . . . 3
Music Electives (Choose from 251-252, 381-382) . . . 3
Education 323 (Music for Children) . . . 3
Total . . . 27

Music Education Endorsement in Vocal or Keyboard:

Vocal:
Voice . . . 16
(Music 111-112, 121-122, 211-212, 221-222, 311-312, 321-322, 411-412, 421-422)
Piano . . . 8
(Music 425-435, 331-332, 441-442)
Other Instruments (Music 342) . . . 2
Total . . . 26

Keyboard:
Piano and/or Organ (Minimum of four semester hours in piano)
Music courses as listed above under voice . . . 16
Voice . . . 8
Other instruments (Music 342) . . . 2
Total . . . 26
Total Semester Hours Required . . . 53

HEALTH AND PHYSICAL EDUCATION PROGRAM

Specialized and Professional Education — Sem. Hrs.
Education 215 (Basic Reading) . . . 3
Education 352 (Educational Psychology) . . . 3
Education 207 (Human Growth and Development) . . . 3
Physical Education 305 (Elementary Education)
Physical Education 304 (Secondary Education)
(Principles and Methods in Area of Endorsement) . . . 6
Education 301 (Career Education) . . . 3
Education 221 (Survey of the Exceptional Child) . . . 3
Total . . . 21

Health

HPE 332 Consumer Health (to include education of drugs, alcohol, tobacco, and junk foods) . . . 3
Sociology 301 (Marriage—Family Living and Sex Education) . . . 3
HPE 205 (First Aid) . . . 3
Total . . . 9

Physical Education

HPE 302 (Motor Development and Movement Education K-6) . . . 3
HPE 210 (Rhythms K-12) . . . 3
HPE 405 (Test and Measurements K-12) . . . 3
HPE 305 (Physical Education for the Exceptional Child) . . . 3
HPE 311 (Individual and Team Sports 7-12) . . . 3
Biology 235 (Anatomy and Physiology 7-12) . . . 3
Biology (Physiology of Exercise) . . . 3
HPE (Electives) . . . 6
Education (Internship—Student Teaching . . . 12
Total . . . 39
TOTAL HOURS . . . 69

COOPERATIVE PROGRAMS

ENGINEERING

This program at Millsaps offers many opportunities for the student interested in engineering.

3-2 Engineering B.S. Program: At present we have arrangements with five engineering schools—Auburn, Columbia University, Georgia Tech, Vanderbilt University and Washington University—by which a student may attend Millsaps for three years for a total of 93 hours or more and then continue work at any of the schools listed above, transferring back 31 hours or less for a B.S. degree from Millsaps and at the end of the fifth year receive the engineering degree from the engineering school.

4-2 Master's Program in Engineering: Columbia University also has a 4-2 program in which a student attends Millsaps for four years completing degree requirements and then spends two more years at Columbia to obtain a master's degree in engineering.

The Combined Plan Program offers degrees in aerospace science and engineering, civil engineering, computer science, electrical engineering, engineering mechanics, environmental science and engineering, industrial and management engineering, mechanical engineering, mining engineering, nuclear engineering, ocean engineering, applied geophysics, engineering mathematics, applied physics, flight science, materials science, operations research, plasma physics, solid state science, bioengineering, chemical engineering, chemical metallurgy, metallurgical engineering, mineral engineering, engineering biology, and applied chemistry.

The Dual Degree Program at Auburn University offers bachelor of engineering degrees in aerospace, chemical, civil, electrical, industrial, materials and mechanical engineering. It is also possible to obtain a Bachelor of Science in agricultural engineering.

The Dual Degree Program of Georgia Institute of Technology offers degrees in aerospace, ceramic, chemical, civil, electrical, industrial, mechanical, nuclear, and textile engineering. In addition, degrees are offered in economic systems, engineering science, textile chemistry, textiles, applied biology, chemistry, information and computer science, applied mathematics, physics, applied psychology, behavioral management, economics, general management, industrial management, and management science.

Vanderbilt University offers bachelor of engineering degrees in chemical, civil, electrical, and mechanical engineering.

MEDICAL TECHNOLOGY

Millsaps College offers a three-year program for those who plan to enter schools of medical technology. This college work includes not only the necessary science and mathematics courses, but also courses in history, fine arts, sociology, composition, literature, and other subjects which insure a liberal arts experience for premedical technology students.

Millsaps College maintains a formal affiliation with several schools of medical technology which are approved by the Council on Medical Education and Hospitals of the American Medical Association. This is the only qualifying board recognized by the American Medical Association, the American Society of Clinical Pathologists, the American College of Surgeons, the American Hospital Association, and other authoritative medical groups.

The medical technology student is expected to spend the first three years at Millsaps College (or transfer here from another recognized college, with at least the third year spent in residence here) and the senior year at the approved hospital. The student must complete the general requirements for the B.S. degree with a major in biology.

Students enrolled in affiliated schools of medical technology may transfer back the final 26 hours of work. The courses required for registry are accepted as com-

pleting the requirements of 124 semester hours for graduation. The B.S. degree is awarded at the first commencement exercise following the completion of the medical technology training.

Medical technology students are encouraged to secure the B.S. or B.A. degree before entering an approved school of medical technology.

MEDICAL RECORD LIBRARIAN

Students may obtain baccalaureate degree training in the Medical Record Librarian Program at Millsaps College and at an approved institution. The correlated program of instruction covers each phase of medical record practice.

Millsaps College maintains affiliations with institutions with certificate training in medical record practice which are approved by the Council on Medical Education, Hospitals of the American Medical Association, and the American Medical Record Association.

The medical record librarian student is expected to spend the first three years at Millsaps College (or transfer here from another recognized college, with at least the third year spent in residence here) and the senior year at the approved hospital. The student must complete the general requirements for the B.S. degree with a major in biology. The courses required for registry are accepted as completing the requirements of 124 semester hours for graduation. A satisfactory grade on the examination for registration by the American Medical Record Association as a registered medical record librarian (R.R.L.) is accepted in lieu of the departmental oral comprehensive examination. The B.S. degree is awarded at the first commencement following the completion of the medical record librarian training and passing for the registry examination.

Medical record librarian students who wish to complete four years of college may secure the B.S. or B.A. degree before entering an approved school of medical record training.

SPECIAL PROGRAMS

The Honors Program

The Honors Program provides an opportunity for students of outstanding ability to pursue an advanced course of study which would ordinarily not be available. In the spring of their junior year honors students participate in an inter-disciplinary colloquium which intensively examines a topic of broad interest. In the senior year, students carry out a research project on a subject of their choice. This thesis is presented before a panel of faculty members at the end of the senior year. Students successfully completing all phases of the Honors Program receive the designation "with honors" in their major subject at graduation. Students interested in participating in the Honors Program should consult with their advisers in the fall of their junior year.

The Oak Ridge Science Semester

Under this program, sponsored jointly by the Southern College University Union and by the Department of Energy, a Millsaps student may spend the spring semester of the junior or senior year studying and doing research at Oak Ridge National Laboratory, Oak Ridge, TN. A full semester's academic credit is normally earned. The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are not affected by participation in the program.

The Washington Semester

"The Washington Semester" is a joint arrangement between The American University, Washington, D.C., Millsaps College, and other colleges and universities in the United States to extend the resources of the national capital to superior students in the field of the social sciences. The object is to provide a direct contact with the work of governmental departments and other national and international agencies that are located in Washington, thus acquainting the students with possible careers in public service and imparting a knowledge of government in action.

Under this arrangement qualified students of demonstrated capacity from the participating colleges will spend a semester at the School of Government and Public Administration of The American University in Washington. They earn 16 hours of credit toward graduation in their home colleges. Eight hours are earned in a Conference Seminar, in which high-ranking leaders of politics and government meet with students. Four hours are earned in a research course which entails the writing of a paper by utilizing the sources available only at the nation's capital. And four hours are earned in an Internship, in which the student is placed in a government or public interest organization office. In Washington the program is coordinated by faculty members of The American University.

Millsaps has a guaranteed quota of two students for each spring semester, although students may petition for entry in the fall. Second semester sophomores, juniors, or seniors are eligible.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not diminished by participation in the program.

The United Nations Semester

A cooperative program with Drew University in Madison, NJ, enables Millsaps political science majors to spend a semester making a first-hand study of the work of the United Nations. Participants may earn 15 hours of credit toward graduation. Three hours of credit are earned in a Conference Seminar, which meets two days of each week in the United Nations Plaza. Members of the Secretariat, delegates, and special agency representatives often lead discussions in a planned program of studies. Students also earn three hours of credit by engaging in an individual research project on some phase of the United Nations. The remaining hours of credit are electives taken from the regular course offerings of Drew's liberal arts college.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not diminished by participation in the program.

The London Semester

Another cooperative program with Drew University gives upperclass political science majors the opportunity to study in London, England, for a semester. Fifteen hours of credit are earned in the social sciences, with primary emphasis on political science. The faculty, including a resident director from Drew, includes members of the faculty of the London School of Economics and Political Science, Oxford University, Leeds University, and other outstanding schools. Students live in a residential hotel in the heart of London. Provision is made for an optional pre-fall or post-spring tour of the continent at a modest cost.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not affected by participation in the program.

British Studies at Oxford

Millsaps College in cooperation with seven other colleges in the Southern College and University Union sponsors a six-week intensive summer program at Oxford University in England. It enables students to study a particular period of British history in a thoroughly integrated way and in a mileau which affords an incomparable opportunity to benefit from the experience. A similar summer program based in London and focusing upon challenges of the multinational economy was recently instituted also under the sponsorship of S.C.U.U. Interested students should inquire with the dean of the college in the fall preceding the summer in which they are considering attending either of these programs.

Other Study Abroad Programs

Millsaps College maintains cooperative arrangements with the Junior Year Abroad program at the Institute for American Universities at Aix-en-Provence in France. Other study abroad programs are available in most countries of Western Europe as well as in Latin America. Students interested in receiving college credit for such study may receive information concerning these programs from the chairman of the appropriate department or from the dean of the college.

Legislative Intern Program

When the Mississippi Legislature is in session, selected political science students may participate in an internship program which permits them to observe the state law-making process. Students serve as aides to legislators and legislative committees, performing a variety of tasks such as research, writing, and marking up bills. Students also take part in a seminar with other interns to examine the legislative process. See Political Science 452.

Public Administration Internship

With the cooperation of city, state and federal agencies, students who have had the introductory public administration course may be placed in middle management level positions.

School Of Management Intern Programs

Students have the opportunity of obtaining specialized training and practical experience through an established Internship Program. The program involves prominent regional and national business organizations and an agency of the federal government. The student's training is conducted and supervised by competent management personnel according to a predetermined agenda of activities. Evaluation of the student's participation and progress provides the basis for granting appropriate academic credit. See offerings 451-452 in the School of Management.

Small Business Institute

Students apply theory to practice by consulting small business management in the area. The program is sponsored by the Small Business Administration (S.B.A.), an agency of the federal government. Students should register for Administration 490.

Millsaps-Gulf Coast Research Laboratory Cooperative Program

Students at Millsaps College, especially those in the natural sciences, are permitted to enroll for one or more of the following courses at the Gulf Coast Research Laboratory as a part of their regular program of studies. The laboratory is situated near Ocean Springs, 180 miles south of Jackson. Summer work at the laboratory provides first-hand knowledge of both marine and brackish water environments.

G141	Introduction to Marine Zoology (ZO 141)*	(4)
G331	Physical Marine Geology (GEO 331)*	(3)
G332	Chemical Marine Geology (GEO 332)*	(3)
G341	Marine Botany (BOT 341)*	(4)
G361A	Marine Invertebrate Zoology (ZO 361A)*	(6)
G361B	Marine Invertebrate Zoology II (ZO 361B)*	(6)
G362	Marine Vertebrate Zoology and Ichthyology (ZO 362)*	(6)
G451	Introduction to Physical & Chemical Oceanography (OCE 451)*	(5)
G452	Marine Microbiology (MIC 452)*	(5)
G461	Parasites of Marine Animals (ZO 461)*	(6)
G463	Estuarine and Marsh Ecology (ZO 463)*	(6)
G480	Gulf Coast Summer Research in Marine Science	(3-12)

*denotes Gulf Coast Research Laboratory course number.

For further information regarding these courses contact the G.C.R.L. coordinator on campus.

Master of Business Administration

The evening Master of Business Administration (M.B.A.) program has been established at Millsaps in response to requests from the business and non-profit communities in the Jackson area. Although designed primarily to meet the needs of part-time students, sufficient coursework is offered every semester to allow full-time graduate students some flexibility in planning a curriculum of study. A typical class includes men and women with a broad range of ages, and with backgrounds from engineering, the physical and social sciences, the arts and the humanities as well as from business. The following foundation courses may be taken at the undergraduate level: Accounting, 281-282; Business Administration, 220, 275, 321, 333, 334, 362; Composition, 110 and Economics, 201-202.

5
administration of the curriculum

GRADES, HONORS, CLASS STANDING

The grade in any class is determined by the combined class standing and a written examination. The examination is approximately one-third of the grade for the semester.

"A" represents superior work.
"B" represents above the average achievement.
"C" represents an average level of achievement.
"D" represents a level of achievement in the regularly prescribed work of the class below the average in the same relationship as "B" is above the average.
"E" represents a condition and is changed to a "D" if the grade in the other semester of the course is "C" or above, providing that the "E" precedes the higher grade on the student's record.
"F" represents failure to do the regularly prescribed work of the class. All marks of "D" and above are passing marks and "F" represents failure.
"WP" indicates that the student has withdrawn from the course while passing, and "WF" means withdrawal while failing.
"I" indicates that the work is incomplete and is changed to "F" if the work is not completed by the end of the following semester.
"CR" represents passing work in a non-graded course taken for hourly credit (not computed in G.P.A.).
"NC" represents no credit in a non-graded course taken for hourly credit (not computed in G.P.A.).

Quality Points

The completion of any academic course with a D shall entitle a student to one quality point for each semester hour; a grade of C for the semester shall entitle a student to two quality points for each semester hour; a grade of B for the semester shall entitle a student to three quality points for each semester hour, and a grade of A shall entitle a student to four quality points for each semester hour. A quality point index is determined by dividing the total number of quality points by the number of academic hours taken. The change from a 3.00 to a 4.00 quality point index was made in 1968.

Class Standing

The following number of hours and quality points is required:

For sophomore rating . . . . . 24 hours; 24 quality points
For junior rating . . . . . 52 hours; 72 quality points
For senior rating . . . . . 90 hours; 144 quality points

A student's classification for the entire year is his/her status at the beginning of the fall semester.

Student Status

Degree-seeking students taking 12 or more academic hours will be classified as full-time students. Students taking less than 12 academic hours may not represent the college in extracurricular activities.

Degree-seeking students taking fewer than 12 academic hours will be classified as part-time students.

A special student is a mature person of ability and seriousness of purpose who enrolls for limited academic work and does not plan to seek a degree. The category of "special student" is not intended to include recent high school graduates. Special students observe the same regulations concerning attendance, examination and proficiency as regular students.

Credit/No Credit Grade Option

Some courses have been approved to be graded either by letter grade or by credit/no credit grading. The purpose of credit/no credit grading is to encourage students to take courses in areas they might not otherwise select. Credit/no credit grading requires full participation of the student in all class activities. Credit signifies work of passing quality or above. It will not carry quality points nor be included in the G.P.A. Students are reminded that (except for certain internship programs) courses graded by the credit/no credit option do not count toward fulfilling the 120 (124 for

the B. M. degree) letter-graded hours requirement and cannot be used to fulfill core requirements or major requirements.

When grade option is available, it will be incumbent upon the student to make the choice at the time of registration. Any change in grading option must be made within the drop-add period. (Exception: Theatre activity may be added later with appropriate approval.)

Repeat Courses

A student may enroll in a course at Millsaps which has previously been taken. The highest grade earned in that course will be used in determining the cumulative quality point average. However, all grades reported for the course remain a part of the permanent record. This policy applies only to courses originally taken at Millsaps during or after spring semester 1973 and to courses originally taken at other institutions during or after fall semester 1980.

Graduation With Distinction

A student whose quality point index is 3.2 for the entire course shall be graduated Cum Laude; one whose quality point index is 3.6 and who has a rating of excellent on the comprehensive examination shall be graduated Magna Cum Laude; and one whose quality point index is 3.9 and who has a rating of excellent on the comprehensive examination shall be graduated Summa Cum Laude.

To be eligible for graduation Cum Laude, Magna Cum Laude or Summa Cum Laude, a student must have passed at least 60 academic semester hours in Millsaps College. Distinction or special distinction may be refused a student who, in the judgment of the faculty, has forfeited the right.

In determining eligibility for distinction or special distinction for students who have not done all their college work at Millsaps, the quality points earned on the basis of grades made at other institutions will be considered, but the student will be considered eligible only if (s)he has the required index both on the work done at Millsaps and on college courses as a whole.

Graduation With Honors

A full-time student with junior standing who has an over-all quality point index of 3.0 may apply to the department chairman for permission to declare as a candidate for honors. Admission requires acceptance by the chairman and approval by the Honors Council. Entrance into the Honors Program becomes effective in the spring semester of the junior year.

Honors Program

The Honors Program extends over three semesters. A student admitted will in the second semester of the junior year enroll with the honors adviser in a directed study entitled Honors I (Colloquium). Enrollment in Honors II and III (Research) will ordinarily follow in the fall and spring semesters of the senior year. A letter grade will be given for each of these courses. The three semesters of honors work are intended to culminate in an honors paper presented to the Honors Council and defended before an examining board.

The first semester in the Honors Program consists of an Honors Colloquium designed to bring together for intellectual exchange all students in the Honors Program. The aim of the Honors Colloquium is the total involvement of good minds in the exchange of ideas and values centering around selected themes and areas of investigation of mutual interest to all disciplines. The Honors Colloquium is required of all students in the Honors Program.

A candidate who completes the honors work satisfactorily, who presents and defends the honors paper satisfactorily, who has a 3.0 over-all quality point index, and who has a 3.33 index in honors work will be graduated with Honors. A candidate who has a 3.6 over-all quality point index, who has a 4.0 index in honors work and who has presented a superior honors paper will be graduated with High Honors.

A student may voluntarily withdraw the candidacy for honors at any time. Students enrolled in honors courses are, however, bound by the general college rules for dropping a course and for receiving course credit. Candidacy may be in-

voluntarily terminated at any time upon the recommendation of the honors adviser and with the approval of the Honors Council.

Dean's List

Those meeting these requirements are on the Dean's List:

1. Scholarship:
   (a) The student must carry not less than 12 academic hours during the semester on which the scholastic average is based.
   (b) The student must have a quality point average of 3.2 for that semester.
   (c) The student must have no mark lower than a C for that semester.
2. Conduct:
   The student must be, in the judgment of the dean, a good citizen of the college community.

Hours Permitted

Fifteen academic semester hours is considered the normal load per semester.

No student may take more than 17 semester hours of academic work unless s(he) has a quality index of 2.5 on the last semester. No student may take more than 19 semester hours unless (s)he has a quality point index of 3.00 on the last semester and obtains permission from the dean. No student may receive credit for more than 21 hours in a semester under any circumstances. In order to be classified as a full-time student, one must take no fewer than 12 semester hours.

ADMINISTRATIVE REGULATIONS

Schedule Changes

A freshman may not enroll for more than eight hours of laboratory science courses in any one semester except upon the recommendation of the student's advisor.

No student can be registered for courses in another college while being enrolled at Millsaps without the written permission of the dean of the college or the associate dean of the college.

A student cannot change classes, drop classes or take up new classes except by the consent of the faculty adviser. Courses dropped within the first two weeks of a semester do not appear on the student's record. Courses dropped after the first two weeks and no later than one week after the reporting date for mid-semester grades are recorded as W.P. (withdrawn passing) or W.F. (withdrawn failing). Courses dropped after this time are recorded as F. If a student drops a course without securing the required approvals, (s)he receives an F.

Withdrawal

A student desiring to withdraw within any term must obtain permission from the dean or associate dean of the college and file a withdrawal card. No refund will be considered unless this written notice is procured and presented to the Business Office.

Refunds will be made only as outlined under Financial Regulations.

A student who withdraws with permission after the first two weeks of a semester is recorded as W.P. (withdrawn passing) or W.F. (withdrawn failing) in each course. A student who withdraws without permission receives a grade of F in each course.

Enforced withdrawal may result from habitual delinquency in class, or any other circumstance which prevents the student from fulfilling the purpose for which (s)he should have come to college.

The college reserves the right to cancel the registration of any student. In such a case, the pro rata portion of tuition will be returned, except that students withdrawing under discipline forfeit the right to a refund.

No student who withdraws is entitled to a grade report or to a transcript of credits until (s)he has settled accounts in the Business Office.

Academic Suspension

To remain in college a freshman must pass in the first semester six hours of academic work. After the first half-year a student must pass at least nine hours of academic work each semester to continue in college. Furthermore, the maximum number of semesters a student may be on academic probation without suspension is two.

Students who are requested not to re-enter because of academic failure may petition in writing for re-admission, but such petition will not be granted unless convincing evidence is presented that the failure was due to unusual causes of a non-recurring nature and that the student will maintain a satisfactory record during the subsequent semester. However, such a student may attend the summer session at Millsaps without a petition.

Probation

Academic Probation:

Students who pass enough work to remain, but make in any semester a quality index of less than 1.5 will be placed on probation. Restricted attendance privileges apply for all courses in which students are enrolled.

Students may be removed from probation by making a 2.00 quality index during a regular semester or during a summer session at Millsaps College in which the student is enrolled for at least 12 academic hours credit. A student is asked not to re-enroll at Millsaps College if (s)he is on academic probation more than two semesters.

Disciplinary Probation:

Students guilty of serious infractions of college regulations may be placed on disciplinary probation at the discretion or the appropriate dean or faculty committee.

Restricted attendance privileges may apply for such a student in all courses in which (s)he is enrolled.

Class Attendance

Irregular attendance indicates that the student may be having difficulties adjusting to the course or to college. The primary responsibility for counseling students with respect to their absence rests with the faculty member; but, in the following circumstances, the faculty member is expected to report in writing the student's unsatisfactory attendance record to the Office of Records.

1. For a freshman—whenever the total absences are equal to twice the number of class meetings per week.
2. For any student—
   a. When (s)he has been absent three successive class meetings for reasons unknown to the instructor.
   b. Whenever a student's absence is such that (s)he is in danger of failing the course.

This reporting of absences is for counseling purposes only, and has no effect on the student's grade.

Individual faculty members decide the manner and extent to which absences alone will affect a student's grade. Each faculty member is expected to outline the policy in writing to each class at the beginning of each semester. This may extend to dismissal from the course with a grade of "F" for reasons solely of absence.

Absences are excusable only by the individual faculty member, but an excused absence does not excuse the student from being responsible for the course work. Explanation for a student's absence provided by a parent, medical doctor, or a member of the faculty or administration may be helpful to the faculty member, but such explanations are not in themselves excuses. This is particularly important in the case of absences involving missed examinations, late assignments, laboratory sessions and similar scheduled commitments. Faculty members, however, may not excuse students from attendance on the two days preceding and the two days following vacation periods without the express permission of the dean.

Each student is responsible for knowing general attendance policy of the college and the particular policies operative in each class. Further details relating to attendance are in the student handbook.

Permission to make up an examination or alter the time for an examination may be granted only through the vice president and dean of the college. Any special examination, if granted, must be held no later than the sixth week of the next regular semester. A $10 fee will be charged for such an examination, except at the discretion of the vice president and dean of the college in cases of serious illness at the time of the examination. This fee will become a part of the scholarship fund.

A student who has been excluded from a course by recommendation of the instructor may, if (s)he wishes, petition the vice president and dean of the college **within one week** for the privilege of a reinstatement examination. This examination, to be prepared and administered by the instructor, shall cover the work of the course up to that date. A $10 fee will be paid to the Business Office for this privilege, with the fee going to the scholarship fund. Re-entry shall depend upon the examination results. If a student does not petition for re-entry, of if the re-entry is denied, the grade shall be recorded as F.

Each student is responsible for knowing general attendance policy of the college and the particular policies operative in each class. Further details relating to attendance are in the student handbook.

Exemptions

Students may elect to be exempt from final examinations in the semester in which they complete their comprehensive examinations, but only in those courses in which they have a C average or better. It shall be understood, however, that this exemption does not insure the student a final grade of C, since daily grades during the last two weeks shall count in the final average. Under no circumstances may a student be exempt from any examination in more than one term or semester.

Students may be exempt from final examinations only in the semester in which they complete their comprehensive, scholastic requirements being met.

Seniors may be allowed one special examination in any subject taken and failed in the senior year. Permission for such examination must be secured from the dean or associate dean of the college.

Students may request exemption from other requirements by petition to the dean of the college.

Student Behavior

Millsaps students are expected to act with honesty and integrity in personal, social, and academic relationships, and with consideration and concern for the community, its members, and its property. The Board of Trustees and the administration affirm the right of the individual to the privacy of his room. The use of intoxicating beverages is not a part of, nor does it contribute to, the total educational emphasis of Millsaps College. The use, possession, or distribution of intoxicants, narcotics, or dangerous drugs, such as marijuana and LSD, except as expressly allowed by law, is not permitted. The Board of Trustees does not approve of the use of alcoholic beverages on the Millsaps campus and does not permit the use of any alcoholic beverages in any public area of the campus. For the purpose of the statement, a public place is defined as any part of the campus which is not within the confines of the student's room. Gambling is not permitted on campus.

A more comprehensive statement is contained in the student handbook. Specific regulations pertaining to academics, residence halls and other facets of campus life are available through the Student Affairs Office.

6
departments of instruction

ACADEMIC DIVISIONS

The academic program of the college is organized into six academic divisions, including the School of Management. These divisions are: Fine Arts, Language and Literature, Humanities, Science and Mathematics, Social and Behavioral Sciences, and School of Management. Within these divisions are the academic departments and programs through which the curriculum of the college is administered.

Course offerings, together with major and minor requirements, are listed by department and division. Departmental listings can be found on the following pages:

	page
Accounting	91
Art	55
Biology	71
Business Administration	92
Chemistry	73
Classical Studies	65
Computer Studies	75
Economics	93
Education	82
English	60
Geology	76
Heritage	70
History	67
Mathematics	78
Modern Languages	62
Music	56
Philosophy	68
Physics	80
Political Science	85
Psychology	86
Religion	69
Sociology	88
Theatre	59

EXPLANATION OF NUMBERS AND SYMBOLS

Courses 101–198 Primarily for freshmen.
Courses 201–298 Primarily for sophomores.
Courses 301–398 Primarily for juniors and seniors. (advanced, or upper-division courses)
Courses 401–498 Special departmental courses.

Courses represented by odd numbers are normally taught during the fall semester; even-numbered courses, during the spring semester.

"G" Indicates courses offered at the Gulf Coast Research Laboratory.
"S" Indicates courses offered in summer only.

Fine Arts

ART

Associate Professor **LUCY WEBB MILLSAPS, M.A., Acting Chairman**
Visiting Instructor **RICHARD KELSO, JR., M.F.A.**

Requirements for Major: Majors in art must complete the requirements for the Bachelor of Arts Degree. In the B.A. core Esthetics (Philosophy 321) is required of all art majors. There is a required core of art courses that all art majors must take: Design 101 and 102, Drawing 104, 105 and 206; Painting 210; Ceramics 220; Printmaking 230; and Art History 201, 202, and 303. In addition to the 33 hour core, nine hours of advanced art courses must be taken of which six hours is the senior project. The senior project and participation in a senior exhibition are requirements for graduation.

101-102. Design (3.3). Basic two-dimensional design principles and color theory with problems in composition.

** **103. Three-dimensional Design (3).** Three-dimensional design with an introduction to sculptural techniques. *Prerequisite: 101-102.

104-105. Drawing (3-3). Introduction to drawing using lines and tone to model still life objects, the figure, and the landscape.

** **206. Drawing (3).** Advanced problems in drawing the figure employing varied and mixed media. *Prerequisite: 103, 104.

210-211. Painting (3-3). Oil and acrylic painting. The materials and properties of painting, methods of presentation, and composition. Prerequisite: consent of instructor.

312. Painting (3). Advanced problems in painting using watercolor, gouache, and tempera. *Prerequisite 210-211.

220-221. Ceramics (3-3). Pottery making. First semester hand building and glazing; second semester, wheel production.

322. Ceramics (3). Advanced problems into production, glazing, and problems in kiln building.

230-231. Printmaking (3-3). Relief and intaglio printing with emphasis on woodcut. *Prerequisite: consent of instructor.

332. Printmaking (3). Emphasis on individual problems in printmaking employing the intaglio process. *Prerequisite; 230-231.

201-202. Art History (3-3). An illustrated lecture course surveying the visual and plastic arts from pre-historic to contemporary times.

** **305. Lettering (3).** Experience in constructing and organizing the basic letter forms.

** **310-311. Commercial Design (3-3).** Commercial design, illustration and layout relating to advertising and publications. *Prerequisite: 101, 102, 104, 105, 210.

320. Creative Photography (3). Experimental photography with both commercial and artistic application.

** **330. Silkscreen Printmaking (3).** A basic silkscreen printmaking with both commercial and artistic applications. Prerequisites: 101, 102, 104, 105, 230

401. Museumship (3). A course offered in cooperation with the Mississippi Art Association and the Municipal Art Gallery in which students develop knowledge of the working of a gallery. Prerequisite: consent of instructor.

405-406. Independent Study (1-3—1-3). Open only to approved students.

** **410. Commercial Art Internship (3).** A course in which the student would work for a local firm under the supervision of the Art Department. Prerequisite: 310-311.

*** Prerequisites to some classes may be waived but consent of instructor will be required.**

**** These courses are not being offered at the present time.**

420-421. Senior Project (3-3). A course in which the senior produces a body of quality works to be evaluated for his or her graduation. This would also be the main source of work for the senior exhibition.

MUSIC

Professors Emeritus:	**C. LELAND BYLER, M.M.**
	MAGNOLIA COULLET, B.M., A.M.
Professor:	**JONATHAN M. SWEAT, A.Mus.D., Chairman**
Associate Professor:	**DONALD D. KILMER, M.M.**
Assistant Professors:	**McCARRELL L. AYERS, M.M.**
	WILLIAM P. CARROLL, M.M.
	FRANCIS E. POLANSKI, M.M.

Requirement for Major: Students majoring in music may apply for either the Bachelor of Music or the Bachelor of Arts degree.

Bachelor of Music: The degree of Bachelor of Music with a major in piano, voice, or organ may be earned. The minimum credit required is 128 semester hours. Bachelor of Music candidates are required to give a full recital in each of their final two years of study. An upper divisional examination in the student's performance area is required at the end of the sophomore year. This examination may not be taken until the student is either enrolled in or has completed Theory 202. A comprehensive examination is required during the senior year.

Bachelor of Arts: The degree of Bachelor of Arts with a major in piano, organ, voice, music education, or church music may be earned. An upper divisional examination in the student's performance area is required at the end of the sophomore year. This examination may not be taken until the student is either enrolled in or has completed Theory 202. A comprehensive examination is required during the senior year. Students desiring teacher certification should consider state requirements. A senior recital is required and must be given while the student is registered for senior level applied music.

GENERAL REQUIREMENTS

All students studying applied music must attend weekly repertoire classes, all recitals presented by the Music Department, and take an examination before the faculty at the end of each semester.

PIANO REQUIREMENTS

To enter the four-year degree program in piano, the student must have an adequate musical and technical background. (S)he should be able to play all major and minor scales. (S)he should have had some learning experience in all periods of the standard student repertory, such as the Bach two-part inventions, the Mozart and Haydn sonatas, the Mendelssohn Songs Without Words, and the Bartok Mikrokomos.

For students whose principal performing instrument is not piano or organ, a piano proficiency examination is required. The student must perform acceptably, from memory, the following material (or its equivalent in styles and difficulty): the major and minor scales, a Bach two-part invention, a movement from a classical sonatina, a romantic and a contemporary work of moderate difficulty. The student's ability at sight-reading will be tested. Until the student passes the piano proficiency examination, (s)he must study piano each semester.

Candidates for the B.M. or B.A. must have one semester of piano pedagogy and one semester's internship in piano pedagogy. They must also fulfill repertory and technical requirements specified by the department.

ORGAN REQUIREMENTS

To enter the four-year degree program in organ, the student must have completed sufficient piano study to play the Bach two-part and three-part inventions, Mozart and Beethoven sonatas, and compositions by Chopin, Schumann, Mendelssohn, and Bartok. The student should also be able to play all major and minor scales and arpeggios.

Candidates for the B.M. or B.A. degree must have one year of voice study, directed study in organ literature and the techniques of playing for religious services, and console conducting.

VOICE REQUIREMENTS

To enter the four-year degree program in voice, the student must possess above average talent and evidence ability to sing with correct pitch, phrasing, and musical intelligence. (S)he should know the rudiments of music and be able to sing a simple song at sight. (S)he should have experience in singing works from the standard repertory.

Voice candidates for the Bachelor of Music degree must obtain 18 hours in foreign languages to be chosen from at least two of the following: French, German, Italian. Candidates for both the B.M. and B.A. degrees will be required to have a basic piano proficiency.

MUSIC EDUCATION

Students electing the music education major will receive a Bachelor of Arts degree, not the Bachelor of Music.

CHURCH MUSIC

Students electing the church music major will receive a Bachelor of Arts degree. The program of 117 total hours is designed to equip the church musician with a variety of skills so as to meet the demands of the contemporary church. Along with the core requirements for all degrees, the church music major carries additional requirements in music (53 hours), religion (18 hours), and education (six hours). An internship is a part of the program also.

Music Theory

101-102. Basic Theory (4-4). Harmonic part-writing, sight-singing and dictation, and keyboard harmony. Three lecture hours and two laboratory hours per week.

201-202. Intermediate Theory (4-4). Harmonization of chorales, modulation, altered chords, advanced sight-singing, harmonic dictation, and keyboard harmony. Three lecture hours and two laboratory hours per week. Prerequisite: 101-102.

303-304. Advanced Theory (4-4). First semester includes: harmonic and structural analysis of basic musical forms and study of advanced musical forms. The second semester is the study of polyphony of the eighteenth century, the writing of canon and fugue, and free counterpoint in contemporary styles. Four lecture hours per week. Prerequisite: Intermediate Theory, 201-202.

Music Literature

215. Music Appreciation (3). (For non-majors). The literature of music as an important aspect of Western culture.

251-252. Music Literature (2-2). An introduction to music history and music literature with special emphasis on aural comprehension of form, style, period, and composer. Open to non-music majors with consent of instructor.

381-382. Music History (3-3). Music from antiquity to 1750, first semester, and from 1750 to the present, second semester. Prerequisite: Music Literature 251-252.

401. Directed Study (1-3). Designed to correlate work studied and to prepare the student for graduate study. Research and projects pertaining to the student's major interest.

Church Music

315. Church Music Literature (4). Sacred music from antiquity to the present. Organization and administration of the church music program is included. Open to non-music majors on consent of the instructor.

361. Service Playing and Repertory (2). Open to advanced organ students.

362. Console Conducting (2). Includes detailed study of anthems, accompanying, and directing the choir from the console. Open to advanced organ students.

Music Education

323. Music in the Elementary School (3). Teaching of music for classroom teachers. Same as Education 323.

333. Music. Grades 1-6 (3). Administration and teaching of music; a comparative survey of current teaching materials. Prerequisite: Music 101-102.

335. Music in the Secondary School (3). Administration and teaching of music at the secondary school level. A comparative survey and study of materials and texts. May be taken in lieu of Education 362. Prerequisite: Music 101-102.

341. Choral Conducting (3). Conducting, scorereading, rehearsal techniques, and diction for singers.

342. Instrumental Ensemble (2). Fundamentals of string, woodwind, and brass instruments, including training methods and materials.

425-426. Piano Pedagogy (2-3). A basic course emphasizing techniques and materials used in teaching piano to children and older students in both private and class instruction.

440. Directed Observation and Student Teaching in the Elementary School. Same as Education 430 or 440. Prerequisite: Music 333.

452. Directed Observation and Student Teaching in the High School. Same as Education 452. Prerequisite: Music 335.

491-492. Internship (1 to 3—1 to 3). Practical experience and training in piano teaching or working in the music program of a church.

Applied Music

Courses are designated by the first letter of the instrument, followed by the proper number from the following table:

Freshman 111-112; 121-122; Sophomore 211-212, 221-222; Junior 311-312, 321-322; Senior 411-412, 421-422. One or two lessons per week. One or two hours credit each semester.

181-182; 281-282. (1). Class instruction in voice or piano to a minimum of four students who meet for two hours per week.

331-332 (3-3). One hour lesson per week plus special instruction culminating in a junior recital.

441-442 (4-4). One hour lesson per week plus special instruction culminating in a senior recital.

The 300 level may be achieved only by satisfactory completion of the upper divisional examination.

Additional semesters on each level will be designated by successive numbering, i.e., 113, 114, etc.

Choir

Students are admitted to the Millsaps Singers (choir) by audition. One hour credit is given per semester.

Freshmen A133-A134; Sophomore A233-A234;

Junior A333-A334; Senior A433-A434.

THEATRE

Professor: **LANCE GOSS, A.M., Chairman**
Assistant Professor: **RALPH N. TRAXLER, M.P.A.**

SPEECH

Requirements for a major in Theatre: 30 hours to include Theatre 103-104, 141-142, 203-204, 205-206, 305-306, 395-396, 402.

101. Speech Fundamentals: Public Speaking (3). Each student delivers a minimum of five addresses which deal with progressively more difficult material and situations. Emphasis on development of correct breathing, proper pronunciation, accurate enunciation, and an effective platform manner. Individual attention and criticism.

102. Speech Fundamentals: Oral Reading (3).

THEATRE

103-104. Introduction to Theatre (3-3).

131-132 (Freshman), 231-232 (Sophomore), 331-332 (Junior), 431-432 (Senior). Performance. Practical experience in production by the Millsaps Players. The first two semesters may be taken simultaneously with Theatre 103-104. One hour per semester to a total of eight hours.

141-142. Theatre Movement (1-1). Includes classical ballet barre, pantomime, exercises, basic dance steps, and general movement.

151. Introduction to Arts Management (3). Examination of the administrative aspect of the live entertainment industry. Organizations considered will include theatre, opera, dance, symphony, and one-night formats.

S171-S172. Summer Workshop (3-3). Includes acting, production, and performance techniques. Experience in summer production by The Millsaps Players.

203-204. Production I, Introduction to Theatrical Production (3-3). Emphasis on basic stagecraft, lighting, properties, and sound.

205-206. Acting (2-2). Basic principles of acting in modern plays, first semester; second semester, acting in pre-modern drama. Prerequisite: Theatre 103-104.

225. Stage Makeup (2).

301. Greek Drama (3). The theatre of ancient Greece.

303-304. Production II, Scene Design and Stage Lighting (2-2). Prerequisite: 203-204.

305-306. The History and Literature of the Theatre (4-4). Prerequisite: Theatre 103-104.

312. Theatre in America (3). American theatre since 1900. Prerequisite: Theatre 305-306.

325. Stage Management (2). The role of the stage manager in the modern theatrical production. Prerequisite: 103-104.

337. Modern Drama. See English 337.

365-366. Shakespeare. See English 365-366.

395-396. Directing (2-2). Covers all facets of the director's role. Prerequisite: 103-104.

402. Directed Reading (2). A seminar for theatre majors including independent study, research, and reports. Designed to cover areas of special interest not necessarily included in other courses.

451-452. Internship (3-3). Practical experience in scenery and/or lighting with the Mississippi Authority for Educational Television. Prerequisite: Theatre 303-304 and consent of instructor. (Offered in summer sessions only.)

Language and Literature

ENGLISH

The Milton Christian White Chair of English Literature

Professor Emeritus:	**PAUL DOUGLAS HARDIN, A.M.**
Professor:	**GEORGE WILSON BOYD, Ph.D., Chairman**
Associate Professors:	**ROBERT HERBERT PADGETT, A.M.** **DANIEL G. HISE, Ph.D.**
Assistant Professors:	**RICHARD P. MALLETTE, Ph.D.** **JUDITH W. PAGE, Ph.D.** **AUSTIN WILSON, Ph.D.**

Requirements for Major: An English major must take English 101-102, 103-104, or 105, 201-202, 481 in the second semester of the junior year and eighteen hours of other courses in the department. Majors must complete the 201-202 course in Greek, Latin, or a modern foreign language with a grade of C or better, or pass an equivalent proficiency examination. Students planning to pursue graduate study in English are advised that a reading knowledge of French, German, and sometimes Latin is generally required. A minimum of one year of Latin or Greek is strongly recommended.

Requirements for Minor: A student may elect a minor in English with 18 hours of English beyond the freshman level. Six of the 18 hours must be English 201-202.

101-102. Composition (3-3). First semester, weekly themes and introductions to essays, short stories, and the novel; second semester, research paper and introductions to poetry, and drama.

103-104. Composition (2-2). A specially designed course correlated with Heritage 101-102, the Cultural Heritage of the West, and intended to develop and augment the student's abilities in reading, writing, and speaking. Corequisite: Heritage 101-102.

105. Advanced Freshman Composition (3). Designed for freshmen with exceptionally strong preparation in English, as evidenced by an A.C.T. score of 27 or above and the extempore writing of an acceptable theme for a department committee, this course concentrates steadily on expository, critical, and some creative writing. Readings in poetry and short fiction or drama furnish materials for the writing. Class membership selected by a departmental committee.

201-202. English Literature (3-3). A survey of English literature from the beginnings to the present. Prerequisite: English 101-102, 103-104, or 105.

203-204. Literature of the Western World (3-3). A chronological study of selected major works of Continental, British, and American literature from Homer to the present. Prerequisite: English 101-102 or 105 (Not available for credit to Heritage students.)

205. Journalism (3). A basic course emphasizing newswriting and reporting. History and principles of journalism; introduction to make-up, copywriting, and headlines. Prerequisite: English 101-102, 103-104, or 105.

207. Introduction to Creative Writing (3). An introductory course emphasizing the fundamentals of writing both poetry and fiction through readings and frequent writing assignments. Prerequisite: English 101-102, 103-104, or 105.

301-302. American Literature (3-3). A survey of American literature from the seventeenth century to the present. Need not be taken in sequence. Prerequisite: English 101-102, 103-104, or 105.

319. English Prose and Poetry of the Sixteenth Century (3). English literature at the end of the sixteenth century, with particular emphasis on the development of the lyric and on the early books of The Faerie Queene. Prerequisite: English 201-202.

321. English Prose and Poetry of the Seventeenth Century (3). Writers of the seventeenth century, exclusive of John Milton. Prerequisite: English 201-202.

322. English Prose and Poetry of the Eighteenth Century (3). Prerequisite: English 201-202.

325-326. Nineteenth Century Poetry and Prose (3-3). Major poets and prose writers of the Romantic and Victorian age (such as Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, Hazlitt, Browning, Arnold, Tennyson, Ruskin, and Pater), with emphasis on the continuity of forms, conventions, and ideas.

327. Women Writers (3). A survey of women writers of the nineteenth and twentieth centuries (such as Austen, Eliot, Bronte, Woolf, Lessing, Plath, Hellman, Welty, and Drabble), with discussion centering on formal, thematic, and social issues.

331. History of the English Novel (3). Novels from Felding to Hardy are cast in their historical contexts, with specific consideration of types, movements, and critical techniques. Prerequisite: English 201-202.

332. Modern Fiction (3). Intensive reading of selected novels. Prerequisite: English 201-202.

335. English Drama To 1642 (3). A survey of English drama, excluding Shakespeare, from its beginnings to the closing of the theatres in 1642. After a brief introduction to the early development of English drama, there will be extensive reading of representative Elizabethan and Jacobean dramatists. Prerequisite: English 201-202.

337. Modern Drama. (3). A survey of drama from Ibsen to Beckett and Ionesco. Prerequisite: English 201-202 or 203-204.

341. Modern English and American Poetry (3). Prerequisite: English 201-202.

342. Contemporary Literature (3). A survey of fiction and poetry since 1950. Prerequisite: English 201-202 or 203-204.

350. Major American Writers (3). Prerequisite: English 201-202.

361. Chaucer (3). An introduction to Middle English language and literature; a reading of the Troilus and all the Canterbury Tales. Prerequisite: English 201-202.

365-366. Shakespeare (3-3). The first semester focuses on the plays before 1603; the second semester, on the tragedies and late romances. Each semester may be taken separately. Prerequisite or corequisite: English 201-202.

367. Milton (3). Important minor poems, selected prose, and all of Paradise Lost, Paradise Regained, and Samson Agonistes. Reading and reports from Milton scholarship and a critical paper. Prerequisite: English 201-202.

391-392. Advanced Creative Writing: Fiction (2-2). The writing of a number of short stories or one long work of fiction. Discussion of student work at a two-hour workshop each week and in conference with the instructor. Designed as a year-long course, but open to students in either the fall or spring who wish to take only one semester. Prerequisite: English 207 or the consent of the instructor. **Offered 1981-82 and alternate years thereafter.**

393-394. Advanced Creative Writing: Poetry (2-2). The writing of a substantial number of poems in both traditional forms and free verse. Discussion of students' poems at a two-hour session each week and in conference with the instructor. Designed as a year-long course, but open to students in either the fall or spring who wish to take only one semester. Prerequisite: English 207 or the consent of the instructor. **Offered 1980-81 and alternate years thereafter.**

397. Advanced English Grammar and Composition (3). An intensive study of English grammar, taking account of both current American usage and formal, traditional usage, and a re-examination of expository composition as based on thesis and logical outline. Prerequisite: English 101-102, 103-104, or 105. **Offered 1981-82 and alternate years thereafter.**

398. History of the English Language (3). The origin and development of the English language, structural and phonetic changes; conventions of modern usage. Prerequisite: English 201-202 or 203-204. **Offered 1980-81 and alternate years thereafter.**

405-406. Independent Study (1 to 3—1 to 3). Reading and research in special areas under the guidance of the instructor. Prerequisite: consent of the chairman.

451-452. Internship (1 to 3—1 to 3). Practical experience and training in communications (newspaper, television, or advertising) and in library science for well prepared students. Prerequisite: junior or senior standing and consent of the chairman.

481. Junior Seminar (3). A survey of critical theory from Aristotle to the present. Special attention will be given to the various modern critical methodologies and their application to specific literary texts.

MODERN LANGUAGES

Associate Professors: **BILLY MARSHALL BUFKIN, A.M., Chairman**
JOHN L. GUEST, A.M.
ROBERT JOEL KAHN, Ph.D.

Assistant Professor: **DANIEL ANGUS MACLEAY, PH.D.**

Students with two or more units of a modern foreign language in high school will be given a standard placement test and advised as to whether they are prepared to continue the language at the college level or whether they should take the 101-102 course. A student will not be admitted to 300 or 400 level courses in French, German, or Spanish until 201-202 (or equivalent if transfer student) have been completed.

Credit is not given for 101 unless 102 is completed.

A minimum of one hour per week in the language laboratory is required in all beginning courses.

Requirements for Majors in French, German and Spanish: A minimum of 24 semester hours is required beyond the 101-102 series, although 30 hours is recommended. If a candidate takes only the minimum of required courses, 18 hours must be in the literature of the target language.

Requirements for a Minor in French, German or Spanish: A student may elect a minor with a minimum of 15 semester hours above the 101-102 series.

FRENCH

101-102. Elementary French (3-3). Grammar and reading with constant oral practice.

201-202. Intermediate French (3-3). Review of grammar and reading of modern French prose. Prerequisite: French 101-102 or two years of high school French.

251-252. Conversation and Civilization (3-3). Designed to give students some fluency in the use of the spoken language. Composition drill is also given. Emphasis on civilization in the second semester. Prerequisite: French 101-102 or equivalent.

301-302. Advanced French Composition and Conversation (3-3). This course may be taken in addition to and may also substitute for French 251-252. Prerequisite: French 201-202 or equivalent. **Offered in alternate years.**

311-312. Survey of French Literature (3-3). Survey of French literature from its origins to the present day. Instruction and recitation principally in French. Prerequisite: French 201-202. **Offered in alternate years.**

401-402. Directed Study (1 to 3—1 to 3). For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: consent of the department chairman.

411-412. Selected Topics in French Literature. (3-3). The content to be determined by the instructor and the needs of the students. Prerequisite: French 201-202 and consent of the instructor. **Offered each year.**

GERMAN

101-102. Beginning German (3-3).

201-202. Intermediate German (3-3). Review of grammar and introduction to important writers of German literature. Prerequisite: German 101-102 or the equivalent.

251-252. Conversation and Composition (3-3). Prerequisite: consent of the instructor. **Offered in alternate years.**

261-262. German Civilization (3-3). Cultural survey with special emphasis on history, art and music. Knowledge of German not necessary. **Offered in alternate years.**

313-314. Survey of German Literature (3-3). Survey of early literary monuments with a concentration on the thirteenth century epic and poetry. Works from the Reformation, Barrock, and major works of Lessing, Goethe, and Schiller. **Offered in alternate years.**

315-316. Survey of Nineteenth Century and Modern German Literature (3-3). Survey of the Romantics and Realists of the nineteenth century, and major figures of the modern period: Hauptmann, George, Rilke, Mann, Hesse, Kafka, Hofmansthal, Brecht, Boll, and Grass. **Offered in alternate years.**

401-402. Directed Study (1 to 3—1 to 3). For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: consent of the department chairman.

411-412. Selected Topics in German Literature (3-3). Prerequisite: Consent of the instructor.

491. Seminar (1).

ITALIAN

Italian 251-252. Composition and Conversation (3-3). This course is designed to afford the student with two years of another modern foreign language, a knowledge of the structure of the Italian language in the first semester. The second semester, a cultural reader is used incorporating oral proficiency training. It is recommended for music students. Offered on sufficient demand and when teaching schedules and staff permit. Prerequisite: Two years of another modern foreign language and consent of the instructor.

SPANISH

101-102. Elementary Spanish (3-3). Grammar and reading with constant oral practice.

201-202. Intermediate Spanish (3-3). Review of grammar and reading of modern Spanish prose. Prerequisite: Spanish 101-102 or two units of high school Spanish.

251-252. Conversation and Civilization (3-3). Designed to give students some fluency in the use of spoken Spanish and a familiarity with the civilization. Laboratory drill. Prerequisite: Spanish 101-102 and preferably 201-202.

311-312. Survey of Spanish Literature (3-3). Survey of Spanish literature from its origins to the present day. Instruction and recitation principally in Spanish. Prerequisite: Spanish 201-202 or equivalent. **Offered in alternate years.**

381-382. Survey of Spanish-American Literature (3-3). the first semester deals with the Colonial and independence Periods. The second semester covers the Nineteenth and Twentieth Centuries. Prerequisite: Spanish 201-202 and preferably 321-322. **Offered in alternate years.**

401-402. Directed Study (1 to 3— 1 to 3). For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: consent of the department chairman.

411-412. Selected Topics in Spanish Literature (3-3). Prerequisite: Spanish 201-202 and consent of the instructor. **Offered in alternate years.**

413-414. Selected Topics in Latin American Literature (3-3). Prerequisite: Spanish 201-202 and consent of the instructor. **Offered in alternate years.**

LINGUISTICS

391-392. Introduction to Comparative Linguistics (3-3). This course emphasizes the historical development of the Indo-european languages; structural linguistics, semantics, and phonetics; problems related to the teaching of language and philogical research. Prerequisite: French German, Spanish 201-202, or Italian 251-252.

Humanities

CLASSICAL STUDIES

The Alfred Porter Hamilton Chair of Classical Languages
Associate Professor: **RICHARD FREIS, Ph.D., Chairman**
Assistant Professor: **CATHERINE RUGGIERO FREIS, Ph.D.**

Courses have been set up: 1.) to give students taking their language requirements a firm basis in grammar and an introduction to the literature: 2.) to provide a firm foundation for those students who wish some knowledge of Latin or Greek to help them with medical and other scientific terminology, with New Testament studies, and as a background for studies in romance languages and English; and 3.) to permit students without Greek and Latin to make direct contact with the classical past from which our western civilization arose.

Requirements for Minor: A student may elect a minor in classical studies with two courses in Greek or Latin above the 101-102 level, two classical civilization courses, and one additional course in Greek, Latin, or classical civilization.

CLASSICAL CIVILIZATION

The following courses are conducted in English; they are open to all students for elective credit regardless of classification. Different courses in this sequence will be offered from year to year.

301. Myth and Man (3). A study of the ancient myths of Greece and Rome and their influence on later literature with comparative material introduced from near Eastern, American Indian, and Norse mythology.

302. Greek Tragedy (3). After a brief introductory study of Greek theater production and the social-religious context of Greek tragedy, the class will read the main surviving works of the three great tragedians, Aeschylus, Sophocles, and Euripides, and close with two critical works, Aristotle's **Poetics** and Aristophanes' comedy about tragedy, **The Frogs.**

303. The Classical Epic (4). At the head of Western literature and thought stand the two Homeric poems, the **Iliad** and the **Odyssey.** The class will begin by studying the Homeric poems in themselves and as shaping factors in Western civilization. Then, after a brief study of the later Greek works, Hesiod's **Works and Days** and **Descent of the Gods** and Appollonius' **Voyage of the Argo,** it will turn to Vergil's **Aeneid,** in which the Homeric poems are transformed in the service of a quite different but no less important vision of man. **Offered Spring, 1983.**

304. Classical Art and Archaeology (3). This course will focus on the changing vision of the world and human experience in ancient art and the forms and techniques which artists evolved to represent that vision. The class will also examine the techniques and the efforts of archaeologists to bring the lost works of ancient civilization to light. There will be field trips to the Museum of Classical Archaeology at the University of Mississippi and to active archaeological sites in Mississippi. **Offered Fall, 1982.**

305. The Classical Historians (3). A reading of major portions of the first great historians of the West, Herodotus, Thucydides, Polybius, and Tacitus; the class will focus especially on the conceptions of the world, man, and the proper aims and methods of history which underlie and shape each writer's works.

306. Athens: The Life of a Greek City-State (3). This course will explore the pattern of life in the Greek city-state Athens in all its many dimensions from the Age of the Tyrants through the Golden Age of Pericles and the political struggles and cultural flowering of the fourth century to its struggle against and absorption into the world-empire of Alexander the Great. The course will make substantial use of writings by Greek authors and some use of audio-visual illustrations so that as much as possible the Greek experience will speak for itself.

GREEK

Courses labelled 301-310 are suitable for second year course work. Credit is not given for the first semester of the elementary language course unless the second semester is completed.

101-102. Introduction to Greek (3-3). Primary emphasis on mastery of grammar, vocabulary, and forms with some attention to Greek literature and culture. Readings include selections from the gospel of St. John, Xenephor's **Anabasis** and Greek poetry. **Offered every year.**

301. Plato (3).

302. Greek Prose Writers (3).

303. Greek New Testament (3).

304. Homer (3).

306. Euripides (3).

308-309. Elementary Greek Prose Composition. (3-3). Practice in writing Greek Attic prose, designed to increase the student's grasp of syntax and style.

401-402. Directed Readings (1 to 3-1 to 3). Additional Greek readings arranged to meet the needs or desires of the students.

411-412. Special Topics (1 to 3—1 to 3). Advanced study of such authors as Homer, the lyric poets, Aeschylus, Sophocles, Euripides, Aristophanes, Demosthenes, Plato, Aristotle, and advanced Greek composition, prose, or verse.

LATIN

Courses labelled 301-310 are suitable for second year work. Credit is not given for the first semester of the elementary language course unless the second semester is completed.

101-102. Elementary Latin (3-3). Designed for students who have undertaken no previous study of the language. Attention is paid to the thorough mastery of forms, vocabulary, syntax, and the techniques of translation. **Offered every year.**

301. Traditional Forms and Themes in Latin Poetry (3). Selected readings from Classical and Medieval Latin Poetry to illustrate the continuity of the Latin tradition in European civilization.

302. Ovid (3). Selected readings from the **Metamorphoses.**

303. Virgil (3). Selected readings from the **Aeneid.**

304. Cicero (3). Selected readings from Cicero's oratorical and philosophical prose.

305. Horace and Catullus (3). Selected readings.

306. Roman Letters (3). Selected readings from the correspondence of Cicero and Pliny.

308. Intermediate Latin Prose (3). Reading of Apuleius' **Cupid and Psyche.**

310-311. Elementary Latin Prose Composition (3-3). A course designed to increase the student's grasp of syntax and style through practice in writing Latin prose; the course will pass from sentences illustrating basic syntactical topics to the composition of brief connected essays.

401-402. Directed Readings (1 to 3-1 to 3). Additional Latin readings arranged to meet the needs or desires of students. Prerequisite: consent of the department chairman.

411-412. Special Topics, (1 to 3—1 to 3). Advanced study of such authors as **Horace,** the **Elegists, Lucretius, Sallust, Livy, Tacitus, Juvenal, Plautus, Terence,** and advanced Latin composition, prose, and verse.

HISTORY

Professor Emeritus: ROSS HENDERSON MOORE, Ph.D.
Professors: FRANK MILLER LANEY, JR., Ph.D., Chairman
WILLIAM CHARLES SALLIS, Ph.D.
Associate Professor: ROBERT S. McELVAINE, Ph.D.
Assistant Professor: SHIRLEY H. LECKIE, Ph.D.

Requirements for Major: A student must have a 2.50 average in history and maintain this grade for the full course. History 101-102 or Heritage 101-102, History 201-202, and History 401 must be included in the 24 semester hours of history required for a major. A preliminary test must be passed at least one academic year before the comprehensive examination. Students who expect to take graduate work should take French and German.

101. Western Civilization to 1715 (3).

102. Western Civilization since 1715 (3).

201. History of the United States to 1877 (3).

202. History of the United States from 1877 (3).

241-242. The Afro-American Experience (3-3). A study of the historic and contemporary experience of black people in America. The first semester covers the period up to 1915. The second semester covers the period from 1915 to the present. (Same as Sociology 241-242.)

305. The Old South (3). Development of the southern region of the United States from the time of discovery to the beginning of the Civil War. Prerequisite: Junior standing or consent of instructor.

306. The New South (3). Prerequisite: junior standing or consent of instructor.

307. The Civil War and Reconstruction (3). An examination of the political, economic, military, diplomatic and social aspects of the Civil War and Reconstruction periods. Prerequisite: junior standing or consent of instructor.

308. Mississippi and Its Relation to the South (3). Students may enroll for 306 or 308, but not both. Prerequisite: junior standing or consent of instructor.

309. The American Revolution and the Establishment of the Federal Union, 1754–1789 (3). Prerequisite: History 201 or consent of instructor.

310. The Age of Jefferson and Jackson, 1789–1848 (3). A continuation of History 309. Prerequisite: History 201 or consent of instructor.

311. America in the Twentieth Century (3). A topical study of the history of the United States 1917–1945. Prerequisite: History 202 or consent of instructor.

312. America in the Twentieth Century (3). A continuation of History 311 from 1945 to the present. Prerequisite: History 202 or consent of instructor.

313-314. Social and Intellectual History of the United States (3-3). First semester: From Colonial times to the Civil War. Second semester: From the Civil War to the present. Prerequisite: History 201-202 or consent of instructor.

315. The Emergence of Modern America (3). A topical study of the history of the United States 1877–1916. Prerequisite: History 202 or consent of instructor.

S321. Problems in Modern History (3). The nature and impact of such present-day problems in international relations as nationalism, imperialism, militarism, and propaganda. Prerequisite: History 101-102 or Heritage 101-102.

S322. Problems in Modern History (3). A broad view of the history of Europe since 1914. Prerequisite: History 101-102 or Heritage 101-102.

323-324. Nineteenth Century Europe (3-3). First semester, 1815–1870; second semester, 1870–1914. Prerequisite: History 101-102 or equivalent.

325-326. Twentieth Century Europe (3-3). First semester, 1914–1939; second semester, World War II and the post-war era. Prerequisite: History 101-102 or equivalent.

327-328. History of England (3-3). A general survey from Roman times to the present. The first semester will cover the period to the Stuart Era, 1603. The second semester will continue the study to the contemporary period, with some attention to the development of the British Empire. Prerequisite: History 101-102 or equivalent.

329-330. History of Russia (3-3). The first semester will cover the period to 1855. The second semester will continue to the contemporary period, with special attention to the late nineteenth century and early twentieth century revolutionary movements and to the Soviet regime. Prerequisite: History 101-102 or equivalent.

334. Current Problems (3). Problems of national and international importance. Open to students who have six semester hours credit in history.

401. Special Problems in History (3). A study of how history is written and interpreted and of problems in American civilization. May be taken by students who have six semester hours in history and is required of all history majors.

402. Directed Readings (1 to 3). Prerequisite: consent of the department chairman.

411-412. Special Topics in History (1 to 3—1 to 3). Deals with areas not covered in other courses. Offered as required. Prerequisite: consent of department chairman.

PHILOSOPHY

The J. Reese Linn Chair of Philosophy

Professors: **ROBERT E. BERGMARK, Ph.D., Chairman**
MICHAEL H. MITIAS, Ph.D.

Requirements for Major: A minimum of 24 semester hours, including 202, 301, 302, 311, and 492.

Requirements for Minor: A student may elect a minor in philosophy with 15 hours of philosophy (18 hours if six hours are used to meet degree requirements), including 202, 301, 302, 311, and at least one other 300 or 400 level course.

201. Problems of Philosophy. (3). A basic introduction to the main problems, such as knowledge, man, nature, art, the good, and God.

202. Logic. (3). Language, fallacies, deduction (syllogistic and symbolic), and induction (scientific methods).

301-302. History of Philosophy. (3-3). The first semester is a survey of western philosophy through the medieval period; the second semester, from the Renaissance through the nineteenth century.

303. Twentieth Century Philosophy. (3). A survey of western philosophy from 1900 to the present. Prerequisite: Philosophy 201, or consent of the instructor.

311. Ethics. (3). Principles used in the choosing of personal and social values.

315. Existentialism. (3). Historical and comparative treatment of works of such thinkers as Kierkegaard, Jaspers, Heidegger, Sartre, and Marcel.

321. Aesthetics. (3). Consideration of the creative impulse, of the art object, and standards of aesthetic appreciation.

331. Philosophy of Religion. (3).

351. Oriental Philosophy. (3).

361. Philosophy of Science. (3). Prerequisite: Philosophy 201, or consent of the instructor.

381. Metaphysics. (3). Basic categories of experience and reality. Prerequisite: Philosophy 201, or consent of the instructor.

401-402. Directed Readings. (1 to 3—1 to 3). Prerequisite: Philosophy 201, or consent of the instructor.

411-412. Special Topic Courses. (3-3) Prerequisite: Philosophy 201, or consent of the instructor.

492. Senior Seminar. (3). Intensive reading in a broad spectrum of issues, schools, and thinkers. For senior majors.

RELIGION

The Tatum Chair of Religion

Professors: **LEE H. REIFF, Ph.D., Chairman**
ROBERT H. KING, Ph.D.
THOMAS WILEY LEWIS, III, Ph.D.

Requirements for Major: A minimum of 25 hours beyond those used to meet core requirements for graduation, including 201, 202, 210, 391, 392, 492. Philosophy 331 may be counted towards the religion major if the student does not use it to meet core requirements for graduation.

Requirements for Minor: A student may elect a minor in religion with 12 hours beyond those used to meet degree requirements (15 hours if the requirement in religion is met by Heritage), including 201, 202, 210 or 381, 391, 392.

201. Introduction to the Old Testament (3).

202. Introduction to the New Testament (3).

210. Ways of Being Religious (3). The study of religious phenomena through the analysis and critique of expressions and practices found in the religions of the world.

301. The Teachings of Jesus (3). Offered in alternate years.

302. The Prophets (3). Offered in alternate years.

311. The Life of Paui (3). Offered in alternate years.

321. The Educational Ministry of the Church (3). An examination of the pur and implementation of the church's educational ministry. **Offered in alter years or on demand.**

351. Church and Society (3). The church in the present social order. Offered in alternate years.

381. World Religions (3). Offered in alternate years.

391-392. History of Christianity (3-3). The development of Christianity and Christian thought from Jesus to the high Middle Ages, and from the high Middle Ages through the Reformation to the present. Either semester may be taken alone. **Offered in alternate years.**

396. Theology in the Modern Period (3). An examination of major developments in Christian theology from the Enlightenment to the present. **Offered in alternate years.**

401-402. Directed Reading (1 to 3—1 to 3). Individualized reading and research. Prerequisite: consent of the department chairman.

405-406. Independent Study (1 to 3—1 to 3). Individual investigation culminating in a written report. Prerequisite: consent of the department chairman.

411-412. Special Topics (1 to 3—1 to 3). Special areas of study not regularly offered, for an organized class of interested students. Prerequisite: consent of the department chairman.

492. Seminar (1).

INTERDISCIPLINARY COURSES

Heritage 101-102. The Cultural Heritage of the West (7-7). An essentially chronological portrayal of the heritage of Western man viewed from the perspectives provided by literature, history, religion, philosophy, the arts, and other disciplines. The course will be made up of a balance of lectures, discussion and laboratory sessions, and occasional field trips. Designed for entering freshmen, but open to some sophomores. Limited enrollment. Corequisite for entering freshmen: English 103-104.

Library 405. Independent Study (1 to 3 hours). A course designed for the student wishing to explore independently a subject of inter-departmental interest, a subject requiring extensive reading or research, or a subject area not directly related to an existing department. The student must present a written proposal stating objectives for the approval of the head librarian and the major professor. Working closely with a library faculty member, and when necessary with the advice of a subject specialist, the student reads broadly in the subject, concluding with a bibliography and report.

Science and Mathematics

BIOLOGY

Professors: JAMES P. McKEOWN, Ph.D., Chairman
Associate Professor: ROBERT B. NEVINS, M.S.
Assistant Professors: DAVID C. HEINS, Ph.D.
DICK R. HIGHFILL, Ph.D.

Requirements for Major: A student must have a 2.50 average in biology and maintain this grade for the full course. All majors take Biology 111-112, 121-122, 315, 491, 492; one of 323, 333, 343, 369, or 398; either 345 or 351; and one of 370, 372, 382, 383, or 391. Candidates for the B.S. must also take Chemistry 231-232 and one year of physics. Candidates for the B.A. are required to take two approved electives in the natural sciences.

Requirements for Minor: A student may elect a minor in biology with 12 hours of biology in addition to either general zoology or general botany.

101-102. Fundamentals of Biology (3-3). Principles and theories of the life sciences including maintenance, reproduction, evolution, diversity, ecology, and biogeography; for non-science majors. Two discussion periods and one two-hour laboratory period a week.

111-112. Botany (4-4). First semester, structure and function of seed plants; second semester, evolutionary survey of plant kingdom with emphasis on lower plants. Two discussion periods and two two-hour laboratory periods a week.

121-122. Zoology (4-4). Invertebrate and vertebrate taxonomy, morphology, physiology and natural history. Two discussion periods and two two-hour laboratory periods a week.

211. Comparative Anatomy (4). Structures of the organs and organ systems of the chordates, emphasizing the dissection of amphioxus, lamprey, shark, salamander and cat. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 121-122.

221. Embryology (4). Fertilization, morphogenesis and differentiation of organ systems of vertebrates. Two discussion periods and two two-hour laboratory periods a week. Open to prenursing, medical technology and physical education students or by consent of instructor. Prerequisite: Biology 121-122.

235. Human Anatomy and Physiology (4). Structures and function of the human body. Two discussion periods and two two-hour laboratory periods a week; open to non-science majors. Open to prenursing, medical technology, and physical education students or by consent of instructor. Prerequisite: Biology 121-122.

236. Applied Physiology (2). A study of the physiological effects of exercise on man and the study of movement with the application of kinesiological principles. open to physical education majors only or by consent of the instructor. Corequisite: Biology 235.

251. Comparative Vertebrate Morphology (5). An integrated course in vertebrate anatomy and embryology. Reproduction and organ system differentiation and a comparative study of the gross anatomy of the vertebrate systems. Three discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 121-122.

S261. Field Botany (3). Survey of local flora emphasizing plant systematics and ecology. Two discussion periods and one two-hour laboratory period a week. Prerequisite: six hours of biology.

301. Histology (4). Microscopic anatomy of the different vertebrate systems, with an emphasis on basic tissue types. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 121-122.

315. Genetics (4). Mendelian genetics; the nature, transmission, and mode of action of the genetic material; the role of genetics in development and evolution. Three discussion periods and one three-hour laboratory period a week. Prerequisite: Biology 111-112; 121-122.

323. Plant Taxonomy (4). Principles of classification and evolution; collection and identification of local flora. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 111-112. **To be taught on demand.**

333. Vertebrate Taxonomy (4). Identification, life history, ecology and evolutionary histories of the vertebrates. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 121-122.

340-341. Field Biology (2 to 3—2 to 3). Environmental study trips throughout the United States. Emphasis on ecology and community composition. Two to three weeks away from campus on intensive field studies. Designed for science and non-science majors. Open by application only; limited enrollment. Prerequisite: consent of instructor.

343. General Entomology (4). Identification, life history, ecology, and evolutionary histories of the class Insecta. Prerequisite: Biology 121-122.

345. Ecology (4). Interrelationships between organisms and their physical environment; population dynamics and interactions, organization of biotic communities; energy flow, succession, community types. Two discussion periods and one four-hour laboratory a week. Prerequisite: Biology 111-112; 121-122.

S351-S352. Field Biology (5-5). Summer environmental study trips to United States, Canada, and Mexico. Five-week program with approximately three weeks away from campus on intensive field studies. Open by application only; limited enrollment. Prerequisite: eight hours of biology or consent of instructor.

369. Population Biology (4). Biological phenomena at the population level. Emphasis on modern topics including population genetics, population dynamics, speciation, social behavior, and principles of systematics. Two discussion periods and one four-hour laboratory period a week. Prerequisite: Biology 111-112 or 121-122. Corequisite: Biology 315.

370. Comparative Animal Physiology (4). Comparison of animal groups (from protozoa to chordates) as to maintenance of life functions (e.g., energy metabolism, osmoregulation, irritability, movement, and coordination) in different environments (aquatic, terrestrial and aerial). Three discussion periods and one three-hour laboratory period. Prerequisite: Biology 121-122.

372. Plant Physiology (4). Plant soil and water relations, metabolism, and growth regulation. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 111-112; Chemistry 232-234. **To be taught on demand.**

381. General Bacteriology (4). Historical survey; bacterial structure, metabolism and taxonomy; role of bacteria in disease, industry, and ecology; common bacteriological techniques. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 111-112; Chemistry 232-234.

382. Advanced General Bacteriology (4). Physiology and biochemical principles associated with studies of micro-organisms. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 381.

383. Immunology and Virology (4). The physiology, biochemistry and genetics of the immune response; viral structure, function, and relationship to host. Three discussion periods and one two-hour laboratory. Prerequisite: Biology 381.

391. Cellular Physiology (4). Study of the constituents, properties, and activities of protoplasm. Three discussion periods and one three-hour laboratory period a week. Corequisite: Chemistry 232-234.

398. Aquatic Biology (4). Structure and function of standing-water (lentic) and running-water (lotic) ecosystems. Emphasis on natural ecosystems as well as applied aspects of pollution biology and identification of aquatic organisms. Two discussion periods and one two-hour laboratory period a week. Prerequisite: Biology 121-122 or consent of instructor.

401-402. Reading and Conference in Biology (1 to 3—1 to 3). Prerequisite: consent of instructor.

403-404. Undergraduate Research (1 to 3—1 to 3). Prerequisite: consent of instructor.

415-416. Special topics in Biology (1-1). One discussion period a week.

451-452. Internship (1 to 3—1 to 3). Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: consent of instructor.

491-492. Senior Seminar: Biological Concepts (1-1). Selected topics of biological interest. Required of all senior biology majors. One discussion period a week.

CHEMISTRY

The J. B. Price Chair of Chemistry

Professors: **ROY ALFRED BERRY, JR., Ph.D., Chairman**
CHARLES EUGENE CAIN, Ph.D.
ALLEN DAVID BISHOP, JR., Ph.D.
GEORGE HAROLD EZELL, Ph.D.

Associate Professor: **JIMMIE M. PURSER, Ph.D.**

Requirements for Major: All majors take Chemistry 121-122, 123-124, 231-233, 232-234, 251-253, 334, 491; and Computer 100 or 110. Candidates for the bachelor's degree accredited by the American Chemical Society must have a 2.5 average in chemistry and take Chemistry 341-343, 354-356, 363-365, 364-366; Physics 131-132, 151-152, 231; and mathematics through integral calculus. Two approved electives in chemistry, physics, or mathematics are required. German 201-202, or reading knowledge, is strongly recommended. Other majors are required to take Chemistry 264-266 or 363-365 and 364-366; Physics 111-112 or 131-132 in addition to 151-152; and two approved advanced electives in the natural sciences. A grade below C will not be accepted for any of the above courses required of a chemistry major.

Requirements for Minor: A student may elect a minor in chemistry with 14 hours of chemistry in addition to general chemistry.

101-102. Chemistry for Citizens. (3-3). Chemical research and methods important in day-to-day living are studied. Two lectures and one application session a week. Not acceptable toward the bachelor of science degree.

121-122. General Chemistry (3-3). Atomic theory, theory of bonding, Kinetic Theory of Gases, chemical equilibrium, periodicity, liquid and solid state theory. Corequisite: Chemistry 123-124.

123-124. General Analytical Chemistry (1-1). Theory and applications of qualitative and quantitative techniques with emphasis on solution chemistry. Corequisite: Chemistry 121-122.

231-232. Organic Chemistry (3-3). Structure, reactions and theory. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 233-234.

233-234. Modern Methods in Organic Chemistry (2-2). Preparation, separation, and identification of organic compounds. Use of modern instrumentation. Corequisite: Chemistry 231-232.

251. Analytical Chemistry I: Quantitative Analysis (3). Chemical equilibria, acid-base theory, oxidation-reduction, and an introduction into electrochemical techniques. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 253.

253. Applications of Analytical Chemistry (2). Gravimetric and volumetric methods are presented in the laboratory with unknowns of acidmetry and alkalimetry, oxidation-reduction, iodimetry and precipitation methods.

264. Principles of Physical Chemistry (3). Gas laws, properties of liquids, properties of solutions, thermodynamics, chemical kinetics, catalysis, electrochemistry, and colloidal solutions. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 266.

266. Principles of Physical Chemistry Laboratory (1). Corequisite: Chemistry 264.

334. Organic Analysis (2). Identification of organic compounds and mixtures of organic compounds, and classification of organic compounds according to functional groups. Spectral methods are emphasized. Prerequisite: Chemistry 231-233.

335. Modern Methods in Organic Analysis (2). Corequisite: Chemistry 334.

336. Advanced Organic Chemistry (3). Stereochemistry, mechanisms, and selected topics. Prerequisite: Chemistry 231-232.

341. Advanced Inorganic Chemistry (3). Atomic structure, theories of chemical bonding, spectrascopy, the electronic basis of periodic classification, and inorganic stereochemistry. Prerequisite: Chemistry 121-122, Mathematics 224 or 226.

343. Modern Coordination Chemistry (1). Coordination chemistry and inorganic reaction mechanisms. Corequisite: Chemistry 341.

354. Analytical Chemistry II: Instrumental Analysis (3). Absorption spectrometry, emission spectrometry, potentiometry, polargraphy, differential thermal analysis, and gas phase chromatography. Prerequisite: Chemistry 363, or consent of the instructor. Corequisite: 356.

356. Analytical Chemistry II—Methods (1). Practical applications of chemical instrumentation. Corequisite: Chemistry 354.

363-364. Physical Chemistry (3-3). Kinetic-molecular theory, chemical thermodynamics, phase rule, chemical kinetics, nuclear chemistry, surface chemistry, and electrochemistry. Prerequisite: Chemistry 121-122; Mathematics 224 or 226. Corequisite: Chemistry 365-366.

365-366. Physio-Chemical Methods. (1-1). Corequisite: Chemistry 363-364.

372. Geochemistry (3). An introduction into the application of chemical principles of geological systems: Carbonate equilibria, Clay colloid chemistry, Eh-pH diagrams, chemical weathering, organic materials in sediments, and phase diagrams. Prerequisite: Chemistry 363 or consent of instructor.

391. Biochemistry I. (4). Chemistry of biomolecules. Emphasis on amino acids and protein chemistry, mechanisms of enzyme action and enzyme kinetics, lipids and biological membranes, nucleotides and nucleic acids, and carbohydrate chemistry. Prerequisite: Chemistry 231-232.

392. Biochemistry II. (4). Generation and storage of metabolic energy; protein biosynthesis; molecular physiology. Prerequisite: Chemistry 391.

393. Biochemistry I. (3). Chemistry of living organisms. Emphasis on biochemistry of proteins, carbohydrates, and lipids. Prerequisite: Chemistry 231-232.

394. Biochemistry II. (3). Photosynthesis, nucleotides, protein biosynthesis, and biochemical control mechanisms are emphasized. Prerequisite: Chemistry 393.

395. Biochemical Applications I. (1). Corequisite: Chemistry 393.

396. Biochemical Applications II. (1). Corequisite: Chemistry 394.

403-404. Undergraduate Research (1 to 3—1 to 3). Approved students only.

405-406. Independent Study (1 to 3—1 to 3). Approved students only.

411-412. Special Topics in Chemistry (1 to 3—1 to 3). Approved students only.

451-452. Internship (1 to 3—1 to 3). Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: consent of instructor.

491-492. History & Literature of Chemistry (2-2). Designed to review and integrate basic chemical knowledge in conjunction with an oral and written presentation of scientific works. History of chemistry and the proper use of chemical literature are included.

COMPUTER STUDIES

Professors: **ALLEN D. BISHOP, JR., Ph.D., Chairman**
SAMUEL R. KNOX, Ph.D.
ROBERT A. SHIVE, JR., Ph.D.

Associate Professors: **JAMES McKINNEY Ph.D.**
JIMMIE M. PURSER Ph.D.

Although there is no major in computer science, a number of options are available for students who wish to study computer science and computer applications. A student may enroll in any of the several courses listed below. In addition, students can follow the pre-engineering curriculum with continued computer science study at one of the associated universities. Or, students can major in closely associated fields such as mathematics, chemistry, or business administration.

Requirements for Minor: A student may elect a minor in computer studies with 12 hours of computer courses, beyond the degree requirements, of which a maximum of six may be in higher level languages (BASIC, FORTRAN or COBOL).

Facilities are among the finest for student use and include a large Digital Equipment PDP-11 RSTS timesharing system, a Digital Equipment PDP-8/e laboratory computer, and an EAI-TR20 analog computer. Terminals are located in several buildings on campus.

Computer courses are:

100. Introduction to Computing (1). Development of programming skills in the timesharing language BASIC. Designed to enable the student to utilize the computer in the several disciplines.

110. Computing, an Interdisciplinary Approach (3). Brief historical development and the concept of an algorithm. Introduction to computer languages with emphasis on the interactive language BASIC. The impact of computers on society. Stresses the solution of problems from diverse areas. If taken after Computer 100, only two hours credit allowed.

112. Advanced Programming (3). Discussion of algorithms, mathematical models and simulations, file structures, and record I/O. Prerequisites: Computer 100 or 110.

210. Computer Organization and Machine Programming (3). Discussion of fundamentals of computer hardware organization and symbolic coding with assembly systems. Prerequisite: proficiency in a higher level programming language.

250. Data Structures (3). Basic concepts of data, Linear and Orthogonal lists, trees, arrays,' representations of trees and graphs, searching and sorting techniques, data structures in programming languages and organization of files. Prerequisite: Computer 100 or 110 or consent of instructor.

271. Computer Programming in FORTRAN. FORTRAN programming and research applications to the behavioral and natural sciences. Prerequisite: Computer 100 or 110.

272. Computer Programming in COBOL. (3). Introduction to data processing and COBOL programming with application to accounting and information systems. (Same as Accounting 272.) Prerequisite: Computer 100 or 110.

311. Algorithmic Languages (3). Formal analysis of algorithmic languages with emphasis on PASCAL or ALGOL. Prerequisites: Computer 271 or consent of instructor.

312. Comparison of Programming Languages (3). Formal definition of programming languages. Properties of languages including the scope of declarations, storage allocations, groupings of statements, binding time, subroutines, coroutines. List processing, string manipulation, and data descriptions. Prerequisites: Computer 250 or consent of the instructor.

318. Digital Electronics (3). Introduction to electronic processing of digitally coded information. Includes binary arithmetic, Boolean algebra, logic gates,

storage elements and sequential logic, memory and processor circuits, and microcomputer organization. One three-hour lecture/laboratory plus two hours of independent laboratory work per week. Prerequisite: Physics 316 and an introductory computer programming course or, consent of the instructor. (same as Physics 318.)

342. Theory and Design of Operating Systems (3). Multiprogramming and multiprocessing systems. Mapping and binding of address. Storage management. Process and resource control. Analysis of file structures and file management. Prerequisites: Computer 210 and 250 or consent of instructor.

352. Electronic Analog Computer (1). Linear components, timescale and amplitude-scale factors, non-linear components, and function-generating techniques. One lecture and one laboratory per week. Prerequisite: Mathematics 351. (Same as Mathematics 352.)

354. Computer Graphics (3). Design, construction and utilization of computer graphics. Applications of graphics to selected business and scientific problems. Interactive computer graphics. Prerequisites: Computer 112 or consent of instructor.

373. Advanced COBOL and File Processing (3). Advanced COBOL applications, including systems analysis, data acquisition, file structures, table handling, file merging, file updating, interactive processes, and structured programming. Prerequisite: Computer 272 or consent of instructor.

374. Data Base Management (3). Organization and maintenance of sequential, random access and indexed sequential data base systems. Design of on-line file systems. Directories, hashing, inverted files and other data base management techniques. Prerequisites: Computer 373 or consent of instructor.

401-402. Directed study in computing (1 to 3—1 to 3). Prerequisite: consent of instructor.

411-412. Selected Topics (1 to 3—1 to 3). Prerequisite: consent of instructor.

491-492. Seminar (1 to 3—1 to 3). Prerequisite: consent of instructor.

The computer is used as a tool in problem solving, model building and simulation in accounting, business administration, astronomy, biology, chemistry, economics, mathematics, physics, political science, psychology, and sociology.

GEOLOGY

Associate Professors: **WENDELL B. JOHNSON, M.S., Chairman**
DELBERT E. GANN, Ph.D.

Any student may enter physical geology or historical geology. Other geology courses require specific prerequisites. Most courses require laboratory work, some of which is field work. Advanced courses of the 200-300 series are offered in alternate semesters. Special problems, directed studies, and internships with consent of the department and/or organization or agency that offers such programs.

Requirements for Major: Geology 101-102, 200, 201, 211, 212, 221, 250, and six semester hours of field geology. The field geology, S371, six hours, must be taken at another university. Majors must take Mathematics 115-116, Biology 121, Chemistry 121-122 (and laboratories 123-124), and Physics 131-132 or Physics 111-112. Additional required courses are three or more hours each in mathematics, chemistry, and physics.

101. Physical Geology (3). The earth, the rocks which comprise its surface, erosional and depositional processes, volcanism, deformation, and economic deposits. One field trip. Two lecture hours and two hours laboratory. **Offered each fall semester and first term summer session.**

102. Historical Geology (3). The successive events leading to the present configuration of the continental masses, accounting for the kinds and distribution of surface rocks and minerals. Two lecture hours and two hours laboratory. Prerequisite: Geology 101, or consent of department. **Offered each spring semester and second term summer session.**

200. Crystallography (3). Unit cell dimensions of the crystallographic systems illustrated by mineral crystals, laboratory-grown crystals, geometric models, x-ray structure, stereographic projections, and goniometric measurements. Two lecture hours and two hours laboratory. **Next offered fall semester 1982-83.**

201. Mineralogy (4). Geometrical, physical and chemical properties, genesis, and atomic structures of minerals. Use is made of a spectroscope, density balances, and x-ray equipment. A valuable elective for chemistry majors. Three lecture hours and two hours laboratory. Prerequisites: Geology 200 and Chemistry 121-122 (and laboratories) or consent of instructor. **Next offered spring semester 1982-83.**

202. Economic Geology (4). The chief economic rocks and minerals of the United States and other countries, with consideration of their stratigraphy, genesis, value, and use. Three hours lecture and two hours laboratory. Prerequisite: Geology 101-102, 200 and 201. **Next offered fall semester 1982-83.**

211. Geomorphology (3). A more detailed treatment of land forms than provided in Geology 101. The physiographic provinces and sections of the United States are studied systematically, but most emphasis is placed on the coastal plain. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102. **Next offered fall semester 1982-83.**

212. Structural Geology (4). Structural features of the rocks comprising the earth's crusts, their origin, and their relations to economic geology. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102 or consent of instructor. **Next offered spring semester 1982-83.**

221. Invertebrate Paleontology (4). Classification and morphology of fossil invertebrates with reference to evolutionary history and environment. Field trips to collect the diagnostic fossils in Mississippi. Three lecture hours and two hours of laboratory. Prerequisite: Geology 101-102. **Next offered spring semester 1982-83.**

231. Earth Sciences for Teachers (3). Designed to aid science teachers. The course will consist of a study of earthen materials and will emphasize minerals, geochemistry of minerals, use of physical properties in their identification, classification of igneous, sedimentary and metamorphic rocks, topographic maps, fossils and fossilization, geologic time, plate tectonics, and geology of Mississippi. Course counts toward teacher certification. Prerequisite: involvement with the teaching of science in junior or senior high school. Offered each semester, 7-10 p.m., one evening per week.

250. Principles of Stratigraphy (4). Rock sequences treated in greater detail than in Historical Geology. Lithologic and paleontologic facies of various parts of the United States. Three lecture hours and two hours laboratory. Prerequisite: Geology 101-102. **Next offered fall semester 1982-83.**

301. Geology of Mississippi (3). The stratigraphy, structure, and geomorphology of the southeastern United States with emphasis on Mississippi. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102, 211, and 212 or consent of instructor. **Offered on request.**

302. Petroleum Geology (3). The applications of geology to the petroleum industry, theories on origin, problems in migration, oil traps, and occurrences of oil and gas. Several Mississippi oil and gas fields will be discussed in detail. Prerequisite: Geology 101-102. **Next offered fall semester 1982-1983.**

311. Igneous and Metamorphic Petrology (4). A petrologic study of the megascopic and microscopic characteristics of igneous and metamorphic rocks and their use in rock classification. Practice in identification through the use of hand specimens and thin sections. Two lecture hours and four hours laboratory. Prerequisite: Geology 200 and 201 or consent of instructor. **Next offered spring semester 1982-83.**

312. Optical Mineralogy (4). An introduction to the petrographic microscope, especially to the reflective, refractive, and polarizing properties of light for the identification of mineral fragments and minerals in thin sections. Two lecture hours and four hours laboratory. Prerequisite: Geology 200 and 201. **Next offered fall semester 1982-1983.**

321. Sedimentary Petrology (4). Unconsolidated and consolidated sedimentary rocks as determined by megascopic and microscopic mineralogy, x-ray, spectrochemical and differential thermal analyses, mechanical analyses, genesis, and classification. Two lecture hours and four hours laboratory. Prerequisite: Geology 312 or consent of the instructor. **Next offered spring semester 1982-83.**

S371. Field Geology (6). Practical training in the standard methods of geologic field work. Prerequisite: To be determined by the university or universities operating the course, the probable equivalent of Geology 101, 102, 211, 212, and Geology 200, 201, and 221. **Offered each summer, generally at end of junior year.**

401-402. Special Problems (1 to 3—1 to 3). Open to advanced students who have individual problems in the field or in the laboratory. Prerequisite: consent of instructor. **Offered each semester and summer session.**

403-404. Directed Study (1 to 3—1 to 3). Open only to approved students. **Offered each semester and summer session.**

MATHEMATICS

The Benjamin Ernest Mitchell Chair of Mathematics

Professors:	**SAMUEL ROSCOE KNOX, Ph.D., Chairman**
	ROBERT A. SHIVE, JR., Ph.D.
Associate Professors:	**JAMES R. McKINNEY, Ph.D.**
	JUDITH R. McKINNEY, Ph.D.
Assistant Professor:	**HERMAN L. McKENZIE, M.S.**

Requirements for Major: In addition to at least six hours of calculus and the senior seminar, a major is required to take a minimum of six three-hour courses in the 300-series. Work in the major field not taken in residence must be approved by the department.

Requirements for Minor: A student may elect a minor in mathematics with the minimum of three courses in the 300-series in addition to at least six hours calculus.

103-104. Foundations of Mathematics (3-3). Designed primarily for freshman non-science majors. Includes the structure of the real number system and its subsystems, measurement, geometry, probability, statistics, logic, and the BASIC computer language.

105. Mathematics for Teachers I (3). The structure of the real number system and of its subsystems.

106. Mathematics for Teachers II (3). Informal geometry and the basic concepts of algebra.

107. Introduction to Quantitative Methods I (3). Algebra review, functions, linear models, matrices, linear systems, and linear programming.

108. Introduction to Quantitative Methods II (3). Probability, decision theory, statistics, differential, and integral calculus of elementary functions.

115-116. Pre-calculus Mathematics (4-4). A two-semester course for freshman science majors.

172. Elementary Statistics (3). A pre-calculus course concerned with the description of sample data, elementary probability, testing hypotheses, correlation, regression, the chi-square distribution, and analysis of variance. Prerequisite: Mathematics 103 or 115.

211. Analytic Geometry (4). Plane and solid analytic geometry. Coordinate systems in the plane and in space. Curves in two and three dimensions. Transformations of coordinates. Prerequisite: consent of instructor.

S213. Plane Analytic Geometry (3). Coordinate systems. The straight line, circle, ellipse, parabola, hyperbola. Transformations. The general equation of the second degree. Loci and higher plane curves. Prerequisite: consent of the instructor.

S215-S216. Calculus Is-IIs (4-4). An abbreviated version of Mathematics 225-226 designed for summer school. Prerequisite: Mathematics 116.

S217-S218. Calculus Is-IIs (3-3). Same as Mathematics S215-S216 but less credit. Prerequisite: Mathematics 116.

223-224. Calculus I-II (3-3). Basically the same as Mathematics 225-226 but with less emphasis on theory. Prerequisite: Mathematics 116.

225-226. Calculus I-II (5-5). The theory and application of limits and continuity, differentiation and integration of the elementary functions of one variable, series, and introductory multivariate calculus. Prerequisite: Mathematics 116.

325-326. Calculus III-IV (3-3). Topological concepts and a rigorous treatment of continuity, integration, differentiation, and convergence in n-dimensional Euclidean space. Prerequisite: Calculus II.

335. Probability (3). The concept of sample space. Discrete and continuous probability distributions. Independence and conditional probability. Characteristics of distributions. Prerequisite: Calculus II.

345. Abstract Algebra (3). Congruences, groups, rings, ideals, isomorphisms, and homomorphisms, fields, equivalence. Prerequisite: Calculus II.

346. Linear Algebra (3). Vector spaces and linear transformations. Algebra of matrices. Systems of linear equations. Eigenvalues and eigenvectors. Prerequisite: Calculus II.

351. Differential Equations (3). Differential equations of the first and higher orders, with applications to geometry, physics, and mechanics. Prerequisite: Calculus II.

352. Electronic Analog Computer (1). Linear components, time-scale and amplitude-scale factors, non-linear components, and function-generating techniques. One lecture period and one laboratory period per week. Prerequisite: Mathematics 351.

361: College Geometry (3). A study of advanced topics in Euclidean geometry, and an introduction to non-Euclidean geometrics. Prerequisite: Calculus I.

371: Introductory Topology (3). Topological spaces, metric spaces, Hausdorff spaces, compactness, continuous mappings. Prerequisite: Calculus II.

381: Operations Research I (3). Linear, dynamic, and integer programming. Simplex method and applications. Duality, area sensitivity analysis, and parametric programming. Prerequisite: Mathematics 346 or consent of instructor.

382: Operations Research II (3). Decision theory and game theory. Queueing theory. Networks and scheduling problems. Simulation, non-linear programming. Prerequisite: Mathematics 381 or consent of instructor.

386: Numerical Analysis (3): Solution of non-linear equation and systems of linear equations. Error analysis. Numerical integration and differentiation. Solution of differential equations. Interpolation and approximation. Prerequisite: Calculus II, Mathematics 351, and knowledge of a programming language or consent of instructor.

389: Mathematical Models (3). Model construction, Linear optimization, chains, graphs and networks, and growth processes. Practical aspects of model building. Applications. Prerequisites: Calculus II or consent of instructor.

391-392. Selected Topics in Mathematics (3-3). Chosen from areas such as applied mathematics, number theory, complex variables, foundations of mathematics, and history of mathematics. Prerequisite: consent of department chairman.

401-402. Directed Study (1 to 3—1 to 3). Reading and research in advanced mathematics. Prerequisite: consent of department chairman.

491-492. Seminar (1-1). Discussions of topics of interest.

PHYSICS AND ASTRONOMY

Associate Professor: **GEORGE MARSTON BEARDSLEY, Ph.D., Chairman**

Requirements for Major: Physics 131-132, 151-152, 231, 311-312, 316, 371-372, Calculus I and II, Mathematics 351, Chemistry 363-364 and 365-366, and Computer 100 or 110. Prospective majors should take 131-132 no later than the sophomore year. No student may receive credit for both Physics 111 and 131, or for both 112 and 132.

PHYSICS

111-112. General Physics (3-3). Fundamentals of mechanics, heat, electricity and magnetism, optics, acoustics, and atomic and nuclear physics. Three lecture periods per week. A non-calculus course intended primarily for majors in the biological and health sciences. Prerequisite: Mathematics 115; while not formally required, Mathematics 116 is also recommended. Corequisite: Physics 151-152.

131-132. Classical Physics (3-3). Mechanics, heat, electricity and magnetism, optics and acoustics, covered more rigorously than in 111-112 and making use of elementary calculus. Intended primarily for majors in the physical sciences, mathematics, and the Engineering Cooperative Program. Three lecture periods per week. Prerequisite: Mathematics 115-116. Corequisites: Physics 151-152 and Mathematics 223-224 or 225-226.

151-152. Physics Laboratory (1-1). Experiments to accompany either of the two introductory physics courses listed above. One laboratory period per week. Corequisite: Physics 111-112 or 131-132.

201. Radioisotope Laboratory (2). Experiments with low-level sources of nuclear radiation; covering basic counting techniques, interactions of radiation with matter, nuclear spectra, and half-life. Other topics (for example: applications of nuclear techniques to problems in biology and medicine or in chemistry) depending on the interests of the class. One lecture period and one laboratory period per week. Prerequisite: Physics 111-112 or 131-132.

231. Modern Physics (3). An introduction to quantum physics and the special theory of relativity, with applications to atomic and nuclear structure. Physics 131, 132, and 231 form a comprehensive three semester introduction to both classical and modern physics. Prerequisites: Physics 132, Mathematics 224 or 226. Prerequisite or corequisite: Computer 100 or 110.

301. Atomic Physics (3). The structure and properties of atoms, molecules and solids. Prerequisite: Physics 231, Chemistry 121-122. Corequisite: Mathematics 351.

306. Nuclear Physics (3). The structure and properties of atomic nuclei, with an introduction to the physics of elementary particles. Prerequisite: Physics 301.

311-312. Electricity and Magnetism (3-3). Charges, currents, electric and magnetic fields in vacuum and in material media, Maxwell's equations, and electromagnetic waves. Prerequisites: Mathematics 224 or 226, Physics 132.

315. Optics (3). Principles and laws of reflection, refraction, interference, polarization, and spectroscopy. Two lecture periods and one laboratory period per week. Prerequisites: Physics 131-132, Mathematics 223 or 225.

316. Electronics for Scientists (4). Fundamentals of electronic circuits and the use of basic laboratory instruments. Two three-hour lecture-laboratory periods per week. Prerequisite: Physics 131-132.

318. Digital Electronics (3). Introduction to electronic processing of digitally coded information. Includes binary arithmetic, Boolean algebra, logic gates, storage elements and sequential logic, memory and processor circuits, microcomputer organization. One three-hour lecture/laboratory plus two hours of independent laboratory work per week. Prerequisite: Physics 316 and an introductory computer programming course or, consent of the instructor. (Same as Computer 318.)

331. Classical Mechanics (3). The principles of Newtonian mechanics, with applications to one or more of the following areas: fluid dynamics, structural engineering, solid state physics or geophysics. Prerequisites: Physics 131-132, Mathematics 223 or 225.

336. Thermal Physics (3). Thermodynamics, kinetic theory of gases and elementary statistical physics. Prerequisites: Physics 131-132, Mathematics 224 or 226.

371-372. Advanced Physics Laboratory (1-1). Prerequisite: consent of the instructor.

401-402. Special Problems (1 to 3—1 to 3). The student is allowed to research topics in which (s)he is interested. Prerequisite: consent of the instructor.

451-452. Internship (1 to 3—1 to 3). Prerequisite: consent of the instructor.

G480. Gulf Coast Semester Research (3-12).

491-492. Seminar (1-1). Student presentations of current problems in physics research. Prerequisite: consent of the instructor.

ASTRONOMY

101-102. General Astronomy (3-3). A study of the earth, moon, time, the constellations, the solar system, the planets, comets, meteors, the sun, the development of the solar system, and the sidereal universe. Two lectures and one observatory period.

301-302. Practical Astronomy (3-3). Spherical astronomy and the theory of astronomical instruments with exercises in making and reducing observations. One lecture and one double laboratory period per week. Prerequisite: Astronomy 101-102 and consent of the instructor.

Social and Behavioral Sciences

EDUCATION

Professor:	**JAMES A. MONTGOMERY, Ed.D.**
Associate Professors:	**STEVE HERING, Ed.D., Chairman** **J. HARPER DAVIS, M.Ed.** **MARY ANN EDGE, M.S.**
Assistant Professors:	**DONALD HOLCOMB, M.Ed.** **JEANNE M. MIDDLETON, Ed.D.** **THOMAS L. RANAGER, M.Ed.** **MARLYS T. VAUGHN, Ph.D.**

ELEMENTARY AND SECONDARY EDUCATION

Professional training is offered in both the secondary and elementary fields and meets requirements of the Division of Certification, State Department of Education, for the Class A Certificate.

Requirements for Major in Elementary Education: Students must complete the courses necessary to obtain the Mississippi Class A Elementary Certificate.

201. Introduction to Elementary Education (3). A multi-purpose foundation course to orient the student in the philosophical and social dimensions of elementary education.

205. Child Psychology (3). A study of the theories, principles, and characteristics of human development from conception to the period of adolescence. Same as Psychology 205.

206. Child Development (3). An advanced study of the cognitive, physical, emotional, and psychological development of the child. Prerequisite: Education/Psychology 205.

207. Adolescent Psychology (3). A study of the psychological and biological problems in the developing adolescent. Same as Psychology 207.

211. Mathematics in the Elementary School (3). This course teaches an understanding of the structure of the number system as well as the vocabulary and concepts of sets, algebra, and geometry on the elementary level, with emphasis on individualized instruction. Prerequisite: Psychology 205 or 207.

213-214. Reading in the Elementary School (3-3). Prerequisite: Psychology 205 or 207.

215. Reading in the Secondary School (3). Designed for teachers of the content subjects in grades 7-12 with major emphasis on the role of reading in the learning process. Research and evaluation are stressed as well as an analysis of materials employed in specific reading improvement programs. There is also emphasis on instructional methods.

221. Survey of the Exceptional Child (3). A study of the exceptional child with emphasis on identification, diagnosis, and etiology. Includes objectives, organization, and administration of special education courses.

301. Career Education (3). This course is designed to enable teachers, counselors, and school administrators to understand, lay a foundation, and build a framework for a program in career education. Special attention is given to methods for integrating career education into all levels of the educational program.

305. Language Arts in the Elementary School (3). Speaking, writing, and listening with special emphasis on linguistics. Prerequisite: Education 205 or 207.

309. Literature: Kindergarten through 8th grade (3). Prerequisite: Psychology 205 or 207.

320. Science in the Elementary School (3). Prerequisite: Psychology 205 or 207.

321. Social Studies in the Elementary School (3). Prerequisite: Psychology 205 or 207.

323. Music in the Elementary School (3). Music for classroom teachers. The basic elements of theory are included. Prerequisite: Psychology 205 or 207.

337. Art in the Elementary School (3). Teaching art in the primary grades with emphasis on the correlation with other learning areas. Prerequisite: Psychology 205 or 207.

339. Methods and Materials in Middle Grades and in Early Childhood Education (3). Critical analysis of the most significant books and research studies in foundations, organizations, learning, instruction, curriculum, evaluation, and specialty areas in elementary education. Students will explore and identify alternative solutions to contemporary issues through group interaction.

341. Measurement and Evaluation (3). Includes test terminology, types of instruments, selection procedures, and the administering, scoring, tabulation, and interpretation of test data.

345-347. Principles of Early Childhood Education or Principles of Elementary Education (3). Principles and techniques of teaching elementary grades including philosophy and foundations of education, organizational patterns which include the self-contained classroom, team teaching, and non-gradedness. Special attention is given to education of the young child in 345 and to upper elementary students in 347.

352. Educational Psychology (3). Applications of psychology to problems of learning and teaching. Same as Psychology 352.

362. General Methods of Teaching in the High School (3). A practicum. Prerequisite: Education 207, 352.

372. Principles of Secondary Education (3). Legal, philosophical, and historical foundations of the modern high school emphasizing current practices, issues, and problems.

401-402. Directed Study (1 to 3—1 to 3). Prerequisite: consent of department chairman.

430. Directed Observation and Student Teaching in the Elementary School (6). One semester. Prerequisites: C average and Education 211, 213-214.

434. Directed Observation and Student Teaching in the Elementary School (12) Full time—one semester.

452. Directed Observation and Student Teaching in the High School (6). One semester. Prerequisite: C average and Education 352, 362.

456. Directed Observation and Student Teaching in High School (12). Full time—one semester.

HEALTH AND PHYSICAL EDUCATION

Activity Courses

Most courses are coeducational. Students furnish their own gym clothing. The department will furnish baskets.

A105-A106	**Archery (1-1)**	**A115-A116**	**Fencing (1-1)**
A107-A108	**Weight Training for Men (1-1)**	**A117-A118**	**Aerobics (1-1)**
A109-A110	**Body Tone for Women (1-1)**	**A119-A120**	**Dance (101)**
A111-A112	**Karate (1-1)**	**A123-A124**	**Basic Gymnastics**
A113-A114	**Water Safety (1-1)**	**A201-A202**	**Golf (1-1)**
A131-A132	**Beginning Horsemanship (1-1)**	**A211-A212**	**Bowling (1-1)**
A231-A232	**Intermediate Horsemanship (1-1)**	**A221-A222**	**Tennis (1-1)**
A333-A334	**Advanced Horsemanship (1-1)**		

Varsity Athletics

A140-A141 (First Year), A240-A241 (Second Year), A340-A341 (Third Year), A440-A441 (Fourth Year). Varsity Football. Open only to students who compete in varsity football.

A150-A151 (First Year) A250-A251 (Second Year), A350-A351 (Third Year), A450-A451 (Fourth Year). Varsity Baseball. Open only to students who compete in varsity baseball.

A160-A161 (First Year), A260-A261 (Second Year), A360-A361 (Third Year), A460-A461 (Fourth Year), Varsity Tennis. Open only to students who compete in varsity tennis.

A170-A171 (First Year), A270-A271 (Second Year), A370-A371 (Third Year), A470-A471 (Fourth Year). Varsity Basketball. Open only to students who compete in varsity basketball.

A180-A181 (First Year), A280-A281 (Second Year), A380-A381 (Third Year), A480-A481 (Fourth Year). Varsity Golf. Open only to students who compete in varsity golf.

Academic Courses

205. First Aid (3). Designed to assist the student in safety skills and techniques of immediate and temporary care in the event of an injury or sudden illness along with study of first aid subject matter.

210. Rhythms (3). Kindergarten-grade 12. The study of the scope, content, and methodology of the rhythms and dance program. Emphasis is on the creative and aesthetic values therein, and the integration and correlation with the other arts in the school curriculum.

220. Physical Education for the Exceptional Child. (3) A study and development of concepts and knowledge of physical education programs for the exceptional child.

302. Motor Development and Movement Education (3). Kindergarten-grade 6. Designed to develop a basic understanding of how and where the body moves and what the body can do as applicable to children in grades K-6. The student will become familiar with various ways to recognize the stages of motor development in children and how to prepare activities for skill acquisitions.

304. Principles and Methods of Secondary Health (3). The characteristics of the secondary student, activities suited to the physical and mental levels represented, facilities, and equipment.

305. Physical Education for the Elementary Grades (3). The characteristics of the elementary school child, activities suited to the physical and mental levels represented, facilities, and equipment.

308. Institutional and Community Recreation (3). Techniques and theories of directing church and other institutional and community recreation programs, with special emphasis on designing programs for all age groups.

311-312. Theory of High School Coaching for Individual and Team Sports (3-3).

321-322. Athletic Officiating (3-3).

332. Consumer Health (3). Personal health and care of the body; food, sanitation, diseases and contagion, vitamins, and hormones.

405. Tests and Measurements (3). Kindergarten-grade 12. A study of the various tests in the field of health and physical education, including uses and interpretation of elementary statistical techniques.

POLITICAL SCIENCE

Associate Professors: **JOHN QUINCY ADAMS, J.D., Chairman**
HOWARD GREGORY BAVENDER, M.A.

Requirements for Major: Political Science 101, 102, 351, 352, 301, 302, and 491, and at least nine additional hours in the department. Majors must have a 2.50 average in political science course work.

Special Programs. In conjunction with Drew University, political science majors may enroll in the United Nations Semester and the London Semester. In conjunction with American University, students may enroll in the Washington Semester. Each program involves study for one semester off campus. Additional information is given on pages 45-47.

101. American Government I (3). A systems analysis of our national political environment, inputs, and decision-making agencies, involving study of federalism, political parties, Congress, the Presidency, and the judiciary.

102. American Government II (3). Output analysis of our national fiscal, regulatory, grant-in-aid, social, defense, and foreign policies.

112. State and Local Government (3). Urban democratic theory, community power analysis, and institutions and policies. **Offered in alternate years.**

115. Mississippi Civil Rights and Politics Since 1950. (3). Offered in alternate years.

211. President and Congress. (3). Powers, functions, organization, and decision-making processes of each branch, plus roll-call analysis of Congress. **Offered in alternate years.**

261. International Relations (3). Issues, strategies, and theories of international politics including the concepts of national interest and national defense, imperialism, balance of power, economics, and international cooperation. **Offered in alternate years.**

262. U.S. Foreign Policy (3). Including diplomatic, military, and economic aspects developed within the context of current issues. Offered in alternate years.

265. U.S. Diplomatic History (3). Offered in alternate years.

271. Scope and Methods (3). The nature of the discipline, library research techniques and utilization of statistics in political science.

301. Political Theory I (3). Classical theory from the Greeks through Hobbes, Locke, Rousseau, and the theorists of the American Revolution.

302. Political Theory II (3). Nineteenth century liberalism, Marxism, totalitarianism, and twentieth century political thought.

311. American Political Parties (3). Functions, organization, nominations, campaigns, and voting rights and behavior, with attention to Mississippi politics. **Offered in alternate years.**

338. Public Administration (3). Theory and application of planning, organizing, staffing, directing, coordinating, reporting and budgeting in public agencies. **Offered in alternate years.**

341. Comparative Government I (3). General comparative theory as applied to the political cultures and institutions of Great Britain, France, and other nations. Prerequisite: Political Science 101.

342. Comparative Government II (3). General comparative theory as applied to the political cultures and institutions of the Soviet Union and other nations. Prerequisite: Political Science 341.

351. Courts and the Constitution I (3). Constitutional politics, the judicial process, court operation, and constitutional relationships among the three branches of government. Prerequisite: Political Science 101. **Offered in alternate years.**

352. Courts and the Constitution II (3). Equal protection, criminal due process, and first amendment freedoms. Prerequisite: Political Science 351. **Offered in alternate years.**

364. International Law and Organization (3). World order in a legal setting. **Offered in alternate years.**

401-402. Directed Reading (1 to 3—1 to 3).

403-404. Undergraduate Research (1 to 3—1 to 3).

405-406. Independent Study (1 to 3—1 to 3).

411-412. Special Topics Course (1 to 3—1 to 3).

452. The Mississippi Legislative Intern Program (3). A student serves as an aide to one or more members of the Mississippi Legislature for one semester during a regular session of the Legislature. Prerequisite: (a) a major in political science; (b) junior or senior standing; (c) permission of the chairman. Application should be made early in December immediately preceding a new legislative session.

453-454. Constitutional Liberties Internship (3). Placement with a law firm or government agency to work as an aide. Prerequisite: Political Science 351 and 352.

456. Public Administration Internship (3). Placement with a federal, state, or local government office to work at the middle management level. Prerequisite: Political Science 338.

491. The Senior Seminar: Modern Theory (3). Reading, reports, and discussion on the state of the discipline of political science. Includes contributions by other disciplines to politics.

PSYCHOLOGY

Professors: **RUSSELL WILFORD LEVANWAY, Ph.D., Chairman**
EDMOND R. VENATOR, Ph.D.

Requirements for Major: A minimum of 27 semester hours in the department. Required courses are 202, 305, 306, 314, 315, 491, 303 or 304, 313 or 331. Under unusual circumstances a student may substitute an elective course for a required course if (s)he passes an examination on the subject matter covered by the required course. This special examination will be administered by the department chairman and must be passed before the student is eligible to take the comprehensive examination. The student successfully taking this special examination will receive no additional course credit toward the degree.

Requirements for Minor: A student may elect a minor in psychology with 12 semester hours beyond Psychology 202 and approval of the department chairman.

PSYCHOLOGY-SOCIOLOGY

A combined major in psychology and sociology may be earned by completing 41 semester hours in the two departments combined. The following courses are required: Psychology 202, 206, 303, 304, 305, 306, 313, 314, 315, 491; Sociology 101, 221, 371, 493. An internship in the area of the student's interest is strongly recommended.

202. Introduction to Psychology (3). Methods of studying behavior in the areas of learning, intelligence, maturation, personality, emotions, and perception. Not generally recommended for freshmen.

205. Child Psychology (3). Same as Education 205.

206. Social Psychology (2). Principles of communication, group interaction, and human relations.

207. Adolescent Psychology (3). Same as Education 207.

212. History and Systems (3). Emphasis on the outstanding systems of psychological thought as exemplified by both past and contemporary men in the field.

214. Developmental Psychology (3). Topics emphasized are: Piaget's developmental theory, child-rearing practices, early childhood development, and the nature-nurture issue. Prerequisite: Psychology 202.

271. Statistics for the Behavioral Sciences (3). Emphasis on inferential techniques. Consent of instructor.

303. Abnormal Psychology (3). Considers man's deviations from the normal, environmental correlates of such deviations, and corrective procedures. Prerequisite: Psychology 202.

304. Theories of Personality (3). Consideration of the whole spectrum of personality theories, including Freudian, humanistic, existential, and behavioristic models. Prerequisite: Psychology 202.

305-306. Experimental Psychology: Methodology and Statistics (4—4). A two-semester sequence which integrates statistical treatments and research methodologies. Introduction to philosophy of science; research methods with special emphasis on experimental designs; descriptive and inferential statistical analysis; interpretation of data; and scientific writing. Content areas include scaling, psychophysics, and perception. Required lab. Prerequisite: Psychology 202. Psychology 305 prerequisite to Psychology 306.

307. Physiological Psychology (4). The neuroanatomical correlates and physiological processes underlying psychological activity, including physiological factors in learning, emotion, motivation, and perception.

312. Operant Conditioning Laboratory (1). Experience with the techniques of operant conditioning. Student will work one on one with a rat and explore several schedules of reinforcement. Prerequisite: Psychology 202 and consent of instructor.

313. Psychology of Motivation (3). Emphasizes the initiation of a sequence of behavior, including its energization, selection, and direction. Examines both theory and research findings involving biological and social controls of behavior. Prerequisite: Psychology 202.

314. Learning (3). Human verbal learning, memory and transfer. Principles and theories of respondent and operant conditioning and their interactions. Prerequisite: Psychology 202.

315. Psychological Tests and Measurements (3). Prerequisite: Psychology 202 and Psychology 305-306.

316. Basic Circuitry and Instrumentation in Behavioral Research (1). Research applications of equipment in common use in psychology laboratories. The student will devise and construct simple circuitry.

320. Cognitive Processes (3). An examination of the processes of thinking, reasoning, problem solving, concept formation, memory, hypnosis, and parapsychology. Prerequisite: Psychology 202.

331. Perception (3). Perceptual phenomena and the theories which have been constructed to explain them. Prerequisite: Psychology 202.

352. Educational Psychology (3). Same as Education 352.

390. Comparative Psychology (3). Behavior of lower animals. Relation of behavior to organismic structures and environmental stimuli. Prerequisite: Psychology 202.

401-402. Directed Reading (1 to 3—1 to 3). Prerequisite: consent of the instructor.

403-404. Undergraduate Research (1 to 3—1 to 3). Prerequisite: consent of the instructor.

411-412. Special Topics. (1 to 3—1 to 3). Open only to approved students.

451-452. Internship (1 to 3—1 to 3). Prerequisite: consent of instructor.

453-454. Teaching Practicum (3). As a member of a teaching team, the student will attend all classes of the introductory Psychology course and will lead a tutorial group composed of a portion of the students enrolled in the same introductory course. Prerequisite: selection by instructor.

491. Seminar (3). Reading of selected books and articles as a basis for critical classroom discussion.

SOCIOLOGY AND ANTHROPOLOGY

Associate Professor: FRANCES HEIDELBERG COKER, M.S., Chairman
Visiting Instructor: LOURDES HENEBRY, M.S.

Sociology is the study of human interaction. Its focus ranges from intimate, face-to-face relations to the organization of whole societies. Sociology seeks to understand the ways in which people act in groups and to explain why they do so.

Anthropology is the study of human beings, their physical and cultural evolution. It is particularly concerned with the way of life of people much different from ourselves such as the Polar Eskimo and Pueblo Indians.

Requirements for Major: A minimum of 27 semester hours in the department. Required courses are 101, 201, 281, 282, 371, 492, 493 and any other two courses offered by the department. Majors are encouraged to take 281 and 282 in their sophomore or junior years, 492 and 493 in their junior or senior year.

Requirement for Minor: A student may elect a minor in sociology with 15 hours in the department, including 101.

SOCIOLOGY-PSYCHOLOGY

A combined major in sociology and psychology may be earned by completing 41 semester hours in the two departments. The following courses are required: Sociology 101, 201, 206, 221, 281, 282, 371, 492, 493, 451, or 452, and Psychology 202, 303, 313, and 315.

101. Introduction to Sociology (3).

102. Social Problems (3). Survey of social problems such as overpopulation, war, poverty, and deviance.

205. Sociology of Religion (3). Theories and studies on the origin, nature, and institutional structure of religion. Prerequisite: Sociology 101. **Offered in alternate years.**

206. Social Psychology (2). Same as Psychology 206.

221. Introduction to Social Work (3). Explores purpose, techniques, and organization of the profession. Prerequisite: Sociology 101 or consent of instructor.

240. Minority Group Relations in American Society (3). Sociological theory and research on racial and ethnic groups in the U.S.

241-242. Afro-American Experience (3-3). Deals with the historic and contemporary experience of black people in America. The first semester covers the period up to 1915. The second semester covers the period from 1915 to the present. Same as History 241-242. **Offered in alternate years.**

281. Methods and Statistics I (3). Introduction to philosophy of science, ethical issues in social research, basic methods of data-gathering, qualitative analysis, descriptive statistics. Prerequisite: Sociology 101 or equivalent.

282. Methods and Statistics II (3). Advanced data and analysis, methods of data presentation and introduction to computer use. Prerequisite: Sociology 281.

301. Marriage and the Family (3). Emphasis on changing roles of men and women and patterns of child rearing in contemporary society.

321. Urban Sociology (3). Theory and research on the city and the problems of urban life. Prerequisite: Sociology 101. **Offered in alternate years.**

332. Social Movements (3). The study of both reform movements and revolutions, their causes and effects. Prerequisite: Sociology 101 or consent of instructor. **Offered in alternate years.**

341. Social Factors in Health (3). Covers doctor/patient relationships, organization of health in the United States, the effect of social variables on health and illness. **Offered in alternate years.**

361. Human Ecology (3). Research and theory interpreting cultural evolution in terms of interaction between populations and environments.

371. Social Stratification. Research methods, theories and empirical findings pertaining to social stratification. Prerequisite: Sociology 101.

381. Death and Grief (3). Topics include stages of dying, relationships of patients to family and medical staff, ethical issues surrounding death, stages of grief and functions of rituals. Prerequisite: junior or senior standing.

391. Sociology of Deviance (3). Crime, delinquency, abortion, homosexuality, drug use, alcoholism, prostitution, and other forms of deviance, viewed from a non-moralistic sociological perspective.

401-402. Directed Reading (1 to 3—1 to 3). Prerequisite: consent of instructor.

403-404. Undergraduate Research (1 to 3—1 to 3). Research project proposed and conducted independently by a junior or senior major, with report due at end of semester. Prerequisite: consent of instructor.

405-406. Independent Study (1 to 3—1 to 3). Inquiry by a junior or senior major capable of independent work with minimum of supervision. Prerequisite: consent of instructor.

411-412. Special Topics in Sociology (1 to 3—1 to 3). Deals with areas not normally covered in other courses, but of current interest to students. Prerequisite: Sociology 101.

451-452. Internship (1 to 3—1 to 3). Practical experience and training for majors working with selected organizations engaged in social research, social work, and community organization. Prerequisite: consent of instructor.

492. Seminar in Sociological Theory I (3). Historical approach to theoretical development in sociology, focusing on European school, social reformers, and symbolic interactionists. For junior or senior majors.

493. Seminar in Sociological Theory II (3). Modern sociological theory, ranging from functionalism to conflict theory and phenomenology. Opportunities to integrate and expand upon current sociological knowledge. For junior or senior majors.

ANTHROPOLOGY

201. Introduction to Anthropology (3). Basic concepts and approaches to anthropology, archaeology, and particularly cultural and social patterns of preliterate peoples.

401-402. Directed Readings (1 to 3—1 to 3). Prerequisite: consent of instructor.

403-404. Undergraduate Research (1 to 3—1 to 3). Research project proposed by a junior or senior major, and conducted independently by outstanding student. Research report due at the end of semester. Prerequisite: consent of instructor.

405-406. Independent Study (1 to 3—1 to 3). Readings in an area of special interest to the junior or senior major capable of highly independent work with supervision. Report due at end of semester. Prerequisite: consent of instructor.

411-412. Special Topics in Anthropology (1 to 3—1 to 3). Deals with areas not covered in other courses, but of current interest to students.

School of Management

The Chair of Management
The Dan White Chair of Economics

Professors:	**JERRY D. WHITT, Ph.D., Dean**
	RICHARD BRUCE BALTZ, Ph.D.
	JAMES R. GLENN, JR., Ph.D.
	GEORGE M. HARMON, D.B.A.
	SUE Y. WHITT, Ph.D., C.P.A.
Associate Professors:	**CARL A. BROOKING, Ph.D.**
	WALTER P. NEELY, Ph.D.
	STEVE CARROLL WELLS, M.A., C.P.A.
Assistant Professors:	**BETSY JANE CLARY, Ph.D.**
	RAYMOND A. PHELPS, II, M.B.A.

Bachelor of Business Administration (BBA). Accounting and business administration majors must complete additional requirements for the Bachelor of Business Administration degree (B.B.A.). Economics majors must complete additional requirements for either a B.S. or B.A. degree. The requirements for a major in accounting or in business administration are in addition to courses which may be used to satisfy the minimum college requirements for all degrees and cannot be used to satisfy both areas. Majors must make a grade of C or better in all courses required by the School of Management.

At least 51 hours must be earned in courses offered by the School of Management and at least 51 hours must be earned outside the School of Management.

Coursework at the 300-level or above may be taken only by students who have completed at least 60 semester hours.

Students pursuing the B.B.A. degree are encouraged to add depth in a non-business area that a minor can provide. Minors which would be of particular value to students in the School of Management are available in computer studies, modern languages, English, chemistry, political science, psychology, and biology.

Transfer Credit: Transfer students should normally expect to satisfy the statistics requirement (Administration 275) at Millsaps. The typical first six hours of accounting principles will normally satisfy the department's 281-282 requirement. The typical six hours of sophomore economics will normally satisfy the Economics 201-202 requirement. Transfer students will be required to satisfactorily complete at least 18 hours of courses offered by the School of Management to meet the requirement for the BBA degree and the major, regardless of the specific requirements satisfied by transfer hours. In some instances this may mean repeating certain transferred, upper-division courses. Students should not expect to transfer credit in courses numbered at the 300-level or above from a community college to Millsaps.

Requirements for major in accounting: The program of study is adequate preparation for the C.P.A. and C.M.A. examinations. Accounting majors must complete the requirements for a B.B.A. degree in addition to requirements for the major. Accounting 281-282 and Economics 201-202 should not be taken before the sophomore year. Computer 100, Business Administration 275, and Accounting 272 should be taken before the junior year. Accounting 381, 382 and 391 and Business Administration 321, 333, 334, and 362 should be taken in the junior year. Accounting 392, 395 and 398 and Business Administration 221-222 and 399 should be taken in the senior year.

Requirements for major in business administration: The requirements for the business administration major, in addition to the general requirements for the B.B.A. degree, are very flexible and afford students the opportunity to take advanced electives which will provide a foundation to enter several professional fields. A student may pursue areas of concentration in finance and in marketing. Alternately, a student may pursue a broad approach without any specific area of concentration.

Administration majors should take Accounting 281-282, Economics 201-202, Computer 100, and Business Administration 220 and 275 before their junior year. Business Administration 321, 333, 334, 336, and 362 should be taken during the junior year. Area concentration courses, electives and Business Administration 399 should be taken in the senior year.

Requirements for a B.A. degree with a major in Economics: This economics major is required to take Business Administration 275, Economics 201, 202, 303, 304 and nine hours of economics electives.

Requirements for a B.S. degree with a major in Economics: This economics major is required to take Mathematics 115-116, Business Administration 275, Economics 201, 202, 303, 304 and nine hours of economics electives. To prepare for graduate studies in economics the student should include Mathematics 223-224 or 225-226, 335 and 346.

Requirements for a Minor in the School of Management: Students pursuing the B.B.A. degree may not minor in accounting or administration. Students pursuing any other undergraduate degree may elect a minor in either of these disciplines with 12 hours beyond the degree requirements, including the following: for the accounting minor Accounting 281-282, Economics 201-202, and six additional hours of Accounting; for the administration minor nine hours from Accounting 281-282 and Economics 201-202, Business Administration 333, and six additional hours of business administration. Students pursuing any undergraduate degree may minor in economics with Economics 201-202 and 12 additional hours of economics.

Master of Business Administration (M.B.A.) Degree is offered and the foundation coursework may be taken at the undergraduate level. Foundation courses include: Accounting 281-282, Economics 201-202, Administration 220, 275, 321, 333, 334, 362 and Computer 100. See the graduate catalog for details.

Suggestions for non-majors: Economics 201, 202, Accounting 281, 282 and Business Administration 220 are good entry-level offerings. Other courses in the School are appropriate for electives, especially Economics 341, Accounting 272, 395 and Business Administration 321 and 333. Please note, however, that junior status is required before taking courses at the 300 level or above.

ACCOUNTING

272. Computer Systems For Accounting (3). Introduction to data processing and COBOL or RPG programming with application to accounting and information systems. (Same as Computer 272.) Prerequisite: Computer 100 or equivalent.

281-282. Introduction to Accounting (3-3). First semester, basic concepts and procedures; second semester, financial and administrative applications.

381-382. Intermediate Accounting Theory (3-3). Accounting principles applicable to the content, valuation, and presentation of the principal ledger items; the analysis of financial statements; working capital and operations; reorganization; selected topics. Prerequisite: Accounting 281-282.

391. Cost Accounting (3). Procedures for accumulating data for product costing with major emphasis on costs for managerial planning and control. Prerequisite: Accounting 281-282.

392. Auditing (3). A conceptual approach to auditing with attention directed to audit reports and informational systems. Prerequisite: Accounting 381-382.

394. Fund Accounting (3). Principles and applications appropriate to governmental and other non-profit institutions. This course is available for seniors and graduate students only. Prerequisite: Accounting 281-282.

395-396. Tax Accounting (3-3). Problems and procedures in connection with federal and state tax laws including the preparation of various reports. Accounting 396 is available for senior and graduate credit only. Prerequisite: Accounting 281-282.

397. Readings in Accounting Theory. (3). A critical examination of present accounting standards, principles and concepts in order to develop a comprehensive philosophy of accounting. This course is available for senior and graduate credit only. Prerequisite: Accounting 382.

398. Advanced Accounting Problems (3). Practical problems and recent developments in accounting procedure. Prerequisite: Accounting 381-382.

401-402. Directed Readings (1 to 3—1 to 3).

403-404. Undergraduate Research (1 to 3—1 to 3).

405-406. Independent Study (1 to 3—1 to 3).

411-412. Special topics in Accounting (3-3).

451-452. Internship (1 to 6—1 to 6). Practical experience and training with selected business and government institutions. Graded on a credit/no credit basis only.

BUSINESS ADMINISTRATION

220. Legal Environment of Business (3). A study of legal environment in which management must function including governmental regulatory agencies, antitrust laws and antidiscrimination laws.

221-222. Business Law (3-3). Introduction to legal systems, coverage of the Uniform Commercial Code with regard to contracts, negotiable instruments, personal property and sales transactions; the second semester covers the code in regard to partnerships, corporations, real property, estates.

275. Business Statistics (3). Descriptive statistics, probability, probability distributions; estimation and hypothesis testing; regression and correlation; time series analysis. (Three hour lecture, one hour optional laboratory). Prerequisite; Mathematics 107-108, or 115-116.

321. Marketing Management (3). A survey of the functions, processes and institutions which direct the flow of goods and services from producer to consumer or user.

325. Sales Management (3). Develops the system necessary for planning, organizing, directing and controlling the efforts of a sales force. This course is available for senior and graduate credit only. Prerequisite: B.A. 321.

326. Marketing Research (3). Examines modern research methods and techniques for gathering, recording, and analyzing information for marketing decisions. This course is available for senior and graduate credit only. Prerequisite: B.A. 275 and 321.

333. Introduction to Management (3). Theories of organized structure, behavior, communication, and managerial decision making.

334. Operations Management (3). System analysis, decision making, examination of management science techniques in problem solving. Prerequisite: B.A. 275.

335. Human Resource Management (3). The management of human resources and employment procedures and personnel administration.

336. Management Information Systems (3). A survey of computer hardware and software concepts and the design of commercial computer systems from a management perspective. Prerequisite: Computer 100 or equivalent.

337. Industrial Relations Legislation (3). The legal background and effects of government regulation of labor relations. Emphasis on study of the National Labor Relations Act, and Title VII of the Civil Rights Act.

338. Introduction to Management Science (3). An introduction to the use of the computer in mathematical modeling. The models covered will include linear programming, simulation, and sequential decision making. This course is available for senior and graduate students only. Prerequisite: B.A. 334.

339. International Business (3). A study of the management of multinational businesses. This course is available for seniors and graduate students only. Prerequisite: B.A. 321.

362. Business Finance (3). An introductory course in financial management directed at the analysis of financial problems. Integrated approach to basic concepts of valuation, investment and financing. Prerequisite: Accounting 282.

365. Investments (3). Introductory course in investment management and analysis is directed at an understanding of how people make investment decisions. Consideration of the description and theory of capital markets and individual investment instruments. Prerequisite: B.A. 362.

367. Principles of Insurance (3). The concept of insurance, institutions, and applications to risk.

368. Principles of Real Estate (3). The basic concepts relevant to the ownership and management of property.

369. Advanced Business Finance (3). An advanced course that examines the financial decisions of the firm. Selected topics include current asset management, capital budgeting under uncertainty, long-term financing, dividend policy and mergers. Prerequisite: B.A. 362.

390. Small Business Administration (3). Small business consulting including field work with the Jackson business community. Prerequisites: Accounting 282 and B.A. 321, 333, 334, and 362.

399. Business Strategy (3). The case study and simulation approaches are used for solution of problems in managerial economics, accounting, marketing, finance, personnel, and production. Prerequisites: Accounting 282 and B.A. 321, 333, 334 and 362.

401-402. Directed Readings (1 to 3—1 to 3).

403-404. Undergraduate Research (1 to 3—1 to 3).

405-406. Independent Study (1 to 3—1 to 3).

411-412. Special Topics in Business Administration (3-3).

451-452. Internship (1 to 6—1 to 6). Practical experience and training with selected business and government institutions. Graded on a credit/no credit basis only.

ECONOMICS

201. Principles of Microeconomics (3). An examination of basic micro concepts of economic behavior, the role of the price system and income distribution.

202. Principles of Macroeconomics (3). An examination of basic macro concepts of economic behavior, national income analysis, stability and growth.

303. Intermediate Microeconomic Theory (3). Value and distribution theory, market equilibrium, resource allocation, policy analysis, and managerial applications. Prerequisite: Economics 201 and 202.

304. Intermediate Macroeconomic Theory (3). National Income measurement; commodity and money market equilibrium; aggregate demand and supply analysis; monetary and fiscal policy issues. Prerequisites: Economics 201 and 202. **Offered in alternate years.**

341. Money and Financial Systems (3). A survey of the microeconomic aspects of financial systems, including market structure, behavior, and regulation of commercial banks and other financial intermediaries; the creation of money; central bank organization and monetary control; and current issues. Prerequisites: Economics 201 and 202.

342. Public Finance (3). Government decisions, expenditures taxation, debt management and policy analysis. Prerequisite: Economics 201 and 202. **Offered in alternate years.**

344. History of Economic Thought (3). Development of economic thought from the classical school to the present time. Prerequisite 201-202. **Offered in alternate years.**

346. Comparative Economic Systems (3). A survey and examination of the contemporary world economic systems. Available for senior and graduate credit only. Prerequisites: Economics 201 and 202.

348. International Economics (3). An extension and application of economic theory to international issues with an examination of world money markets, exchange rates, adjustment mechanisms and issues. Available for senior and graduate credit only. Prerequisites: Economics 201 and 202. **Offered in alternate years.**

401-402. Directed Readings (1 to 3—1 to 3).

403-404. Undergraduate Research (1 to 3—1 to 3).

405-406. Independent Study (1 to 3—1 to 3).

411-412. Special Topics in Economics (3-3).

451-452. Internship (1 to 6—1 to 6). Graded on a credit/no credit basis.

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JAMES R. GLENN, JR. (1980) . . . . . Professor of Management
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LANCE GOSS (1950) . . . . . Professor of Speech; Director of The Millsaps Players
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JOHN L. GUEST (1957) . . . . . Associate Professor of German
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LEON AUSTIN WILSON (1976) . . . . . Assistant Professor of English
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Ph.D., University of South Carolina

STAFF

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SUSAN O. ESKRIDGE, B.A. ..... Admissions Counselor
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DON P. FORTENBERRY, B.A., M. Div. ..... Chaplain
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STUART J. E. GOOD, A.B., A.M., L.L.D. ..... Dean of Student Affairs
ANN HERING, B.S. Ed. ..... Director of the Children's Center
FLOY S. HOLLOMAN, B.A. ..... Director of Alumni Relations and Annual Giving
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JAMES J. LIVESAY, A.M. ..... Director of Church Relations and Assistant to the Vice President for Institutional Advancement
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JERRY D. WHITT, B.B.A., M.B.A., Ph.D. ..... Dean, School of Management
JACK L. WOODWARD, A.B., B.D. ..... Director of Financial Aid

GENERAL STAFF

ALICE ACY (1961) ..... Grill Manager
PATRICIA ANTHONY (1980) ..... Secretary, Development
ROBERT J. BAKER (1979) ..... Maintenance Technician
ALICE M. BORDERS (1974) ..... Assistant, Business Office
JOHN C. BRANSON (1980) ..... Supervisor, Housekeeping
MAJORIE CANADA (1981) ..... Faculty Secretary
PEARL DYER (1975) ..... Secretary, Office of Records
ANN M. ELSENHEIMER (1981) ..... Programmer, Computer Services
PATRICIA FENNELL, RN (1967) ..... College Nurse
MARJORIE E. FENTON (1980) ..... Accounts Payable Clerk, Business Office
MARTHA GALTNEY (1955) ..... Secretary, Student Affairs
REBECCA GARDNER (1977) ..... Production Coordinator
BARRY GILLESPIE (1980) ..... Residence Hall Director, Galloway
JANIS HAMBLIN (1980) ..... Divisions Secretary
BRENDA HARVEY (1981) ..... Keypunch Operator, Computer Services
MARGARET HITT (1977) ..... Resident Hostess, Ezelle Hall
LARRY O. HORN (1981) ..... System Manager, Computer Services
GENIE IRVIN (1980) ..... Secretary-Receptionist, Institutional Advancement
EDWARD L. JAMESON (1980) ..... Manager, Bookstore
ROSE JOHNSON (1980) ..... Loan Clerk, Business Office
DOROTHY KNOX (1974) ..... Clerk, Admissions
REX ROY LATHAM (1956) ..... Maintenance Engineer
KATHERINE LEFOLDT (1970) ..... Hostess, Academic Complex
RENEE I. LEIGH (1980) ..... Residence Hall Director, Franklin

CATHY MARTELLA (1975) ..... Secretary, Director of Admissions
VIRGINIA McCOY (1966) ..... Switchboard Operator
PHYLLIS M. MENTOR (1980) ..... Analyst Trainee, Computer Services
ROGER MILLER (1981) ..... Maintenance Secretary
MARTHA LOU NANCE (1979) ..... Secretary, President
SANDRA NASH (1981) ..... Clerk, Office of Records
DOROTHY NETTLES (1947) ..... Cashier
MARTHA C. POOLE (1977) ..... Gift Recorder
ELIZABETH RANAGER (1969) ..... Secretary, Dean of the College
J.N. RUSSELL (1980) ..... Maintenance Technician
IRENE W. STORY (1980) ..... Clerk, Office of Records
PAUL WADE (1972) ..... Maintenance Technician
MITTIE C. WELTY (1959) ..... Assistant Manager, Bookstore
NANCY WHITE (1974) ..... Secretary, Business Affairs
DAVID WILKINSON (1980) ..... Maintenance Technician
STEPHANIE WOODS (1977) ..... Secretary, School of Management

LIBRARY STAFF

LAURIE BROWN (1977) ..... Acquisitions Librarian
LILLIAN M. COOLEY (1974) ..... Associate Librarian
FAY GREEN (1981) ..... Secretary to the Librarian
FLOREADA M. HARMON (1972) ..... Public Services Librarian
JAMES F. PARKS, JR. (1969) ..... Head Librarian
MARITA T. SANDERS (1981) ..... Special Services Librarian
JOYCELYN V. TROTTER (1963) ..... Serials Assistant
BARBARA WEST (1981) ..... Catalogue Assistant

MEDALS AND PRIZES AWARDED

Commencement, 1981

The Founders' Medal . . . . . Judy Diane White
The Bourgeois Medal . . . . . David Biggers
The Tribbett Scholarship . . . . . Kimberly Myers
The Janet Lynne Sims Award . . . . . Sandra Frazier
The Eta Sigma Phi Awards for Excellence in the Ancient Languages
Greek . . . . . Tammy Lynn Oliver
Latin . . . . . Laura Ann Buckler
The Mangolia Coullet Senior Award . . . . . Don M. Simonton
The J. B. Price General Chemistry Awards . . . . . Jackie Clark
Rife Huckabee
The Undergraduate Award in Analytical Chemistry . . . . . Daniel Burrus
The Chemistry Department Senior Awards . . . . . Bert Tagert
Michael Conerly
Ben Douglas
The Computer Science Award . . . . . Grant Wyckoff
The Education Department Awards
The Myrtis Meaders Teaching Award . . . . . Kathleen Payne
The Edgar Moore Award . . . . . Lesa Barranco
The Clark Essay Medal . . . . . Linda Schrayer
The Gordon Gulman Geology Award . . . . . Cory J. Ezelle
The Ross H. Moore History Award . . . . . Jonathan Altman
The Freshman Mathematics Awards . . . . . Rife Huckabee
Laura Yee
The Mathematics Major Awards . . . . . Michelle Cunningham
Billy White
Grant Wyckoff
The Albert Godfrey Sanders Award in Spanish . . . . . Margaret Ann Hurley
The Senior Music Award . . . . . Christopher Staton Brunt
The Introductory Physics Awards . . . . . David Biggers
James Poole
The C. Wright Mills Award in Sociology . . . . . Roger Darren Price
The Alpha Epsilon Delta and The West Tatum Award . . . . . Virginia Lee Hill
The American Bible Society Awards . . . . . Jonathan Altman
William Singer
The Black Students Association Award . . . . . LaVerne West Rogers
The Mississippi Society of Certified Public Accountants Award . . . . . Al Gaston
The Chi Omega Social Science Award . . . . . Vicki Loflin
The Kappa Alpha Eric Gunn Memorial Scholarship . . . . . Mike Ford
The Theta Nu Sigma Award . . . . . James Michael Conerly
The Wall Street Journal Award . . . . . James Holy

DEGREES CONFERRED 1981

BACHELOR OF ARTS

Laura Ellis Allen . . . . . Jackson
**Mervyn Jonathan Altman . . . . Greenville
Anne Rice Atkinson . . . . New Orleans, LA
*Lesa Rose Barranco . . . . . Jackson
#Mary Jennifer Bennett . . . Shalimar, FL
#Sherry Ann Cater . . . . . Gulfport
*Shari Lorraine Cochran . . . . . Jackson
Cathy Lynn Crosby . . . . . Forest
*Ann Dean Decker . . . . . Jackson
Timothy Milton Dykes . . . . . McComb
Sandra Gandy Ellard . . . . . Kosciusko
**Susan O'Hara Eskridge . . . . . Tupelo
#Lana Renee Ethridge . . . . . Collins
William Dakin Fitzgerald, Jr. . . . . River Ridge, LA
*Harrison Solomon Ford . . Hattiesburg
Eric Keith Glatzer . . . . . Jackson
Stephen Earl Greenough . . . . . Jackson
#*Annwn Leigh Hawkins . . . . . Oconomowoc, WI
Nancy Lee Modglin Hoelter . . . . Brandon
Ann Newhall Johnson . . . . Bay St. Louis
Catherine Lea Jones . . . Crystal Springs
*James Byron Keyes . . . . . Clinton
**Elizabeth Stuart Lacey . . . . . Canton
William Jefferson Little, Jr. . . . . Greenville
**Vicki Jo Loflin . . . . . Jackson
Linda Joyce Lofton . . . . . Collinsville
#Dale Patrick Loiacano . . . Bay St. Louis
#*Dana Millwod Lyle . . . . Memphis, TN
*Kimberly Karol Mansel . . . . . Carthage
**Jeannette Marie McAllister . . . . . Laurel
Jimmy LaDale Middlebrook . . . . Jackson
Roxanne Miller . . . . . Winona
Kristina Karol Morris . . Meadowview, VA
Mildred Davis Morris . . . . . Jackson
*Dan Hillman Murrell . . . . Memphis, TN
#William Gayden Newton . . . . . Jackson
***Tammy Lynn Oliver . . . . . Jackson
Kathleen Ann Payne . . . . . Tylertown
Susan Renee Prewitt . . . . . Clinton
*Shane Pittman . . . . . Tylertown
*Roger Darren Price . . . . . McComb
*Kimberly Dawn Ranson . . . . . Slidell, LA
*Edward Bryan Rutledge . . . . . Starkville
**Linda Arvilla Schrayer . . . . . Glendale, AZ
*Ricor Fontoura da Silveira . . . . . Rio de Janeiro, Brazil
**Don Maxwell Simonton, Jr. . . . Natchez
#Virgina Leona Simpkins . . . . . Gulfport
**William John Singer, Jr. . . . Harlingen, TX
Diane Torrey Skypeck . . . . . Jackson
*Steve Warren Smith . . . . . Natchez
Anna Elizabeth Taylor . . . . . Rosedale
Melissa Elizabeth Thomas . . . Greenville
*Elizabeth Anne Trotter . . . . . Metairie, LA
Marsha Gail Watkins . . . . . Jackson
*Vicki Katherine Watkins . . . . . Jackson
Peter Gearis Weisell . . . . Glenwood, IL
**Susan B. Williams . . . . . Jackson
*Robert Baxter Wiygul . . . . . Jackson
**Martha Clinton Wynn . . . . . Greenville

BACHELOR OF SCIENCE

David Baird Allen . . . . . Indianola
Wiliam Dalton Armstrong . . . . . Jackson
*Elizabeth Martina Bebin . . . . . Jackson
Kenneth Raymond Besser . . . . Vicksburg
#Thomas Carlton Boronow . Tuscaloosa, AL
*Frank Reber Brown . . . . . Natchez
#Michael Rowe Byers . . . . . Jackson
***Deborah Dubard Campbell . . . . Grenada
**Don Timothy Cannon . . . . . Philadelphia
#Kate Adair Carey . . . . . Jackson
James Moore Carter . . . . Ocean Springs
Mari Lyn Champlin . . . . . Jackson
#Patricia Gail Chaney . . . . . Greenville
***James Michael Conerly . . . . . Tylertown
Max Turner Courtney . . . . . Florence
Lena Carol Covert . . . . . Jackson
Russell Allen Cunningham . . . . . Clinton
*Charles Andrew Davis . . . . . Jackson
*Wanda Ann Dorsett . . . . . Jackson
*Ben Harold Douglas, II . . . . . Jackson
*Patricia Lynne Duggar . . . . . Brandon
Dorothea Ridgway Ettman . . . . . Southampton, NY
*Cory Jackson Ezelle . . . . . Jackson
*Linda Anne Fenn . . . . . Meridian
*David Keith Foley . . . . . Jackson
Michael Emanuel Grillis . . . . . Jackson
*David Gene Hall . . . . . Natchez
#*Tracey Lynn Hamlin . . . . . Greenville
*John Laird Herndon . . . . . Brandon
Virginia Lee Hill . . . . . Jackson
#John Hammond Hinton, III . . . . . Clinton
Helene Elizabeth Holleman . . . Columbus
**Lana Lynn Jeng . . . . . Vicksburg
*Earl West Jones . . . . . Columbus
*Ruth Carroll Kellum . . . . . Memphis, TN
Timothy Philip Kerut . . . . . Picayune
Cornelius Charles Lehan . . . . . Brandon
George Manuel Marodis . . . . . Jackson
#William Edwin Marquez, III . Bay St. Louis
*John Marvin May . . . . . Mendenhall
Steven Craig McCool . . . . . Ridgeland
#Rex Robert Moak . . . . . McComb
*Teresa Gayle Mulvihill . . . . . Jackson
**Iley Coleman Neely . . . . . Jackson
#*Yvonne Louise Nelson . . . . . Jackson
*Vernon Keith Palmisano . . Jefferson, LA
#Stanley Simmons Perkins . . . . Greenville
Brenda Carol Price . . . . . McComb
***Randy Kent Richardson . . . . . Union

#*Larry Wayne Sivils ..... Brandon
*Charles Edwin Stuart, Jr. Baton Rouge, LA
Vitus Kenneth Samuel Szeto ... Jackson
***Bert Edwin Tagert .... St. Augustine, FL
*Leo Riley Trehern, Jr. ..... Mobile, AL
Jeffrey Allen Turner ..... Oxon Hill, MD
*John Leander Turner, IV ..... Greenville
Jane Franklin Tyson ..... Jackson
James Gaillard Walker, Jr. ..... Jackson
#*Steven Scott Walkinshaw ..... Gulfport
#Brenda Buck Watts ..... San Mateo, CA
**Billy Gene White ..... Aberdeen
#Rebecca Maurine Wright ..... Biloxi
**Thomas Hugh Wright ..... Meridian
Grant Eugene Wyckoff ..... Brandon

BACHELOR OF BUSINESS ADMINISTRATION

Davis Blair Bingham, Jr. ..... Monroe, LA
*Perry Lamar Chesney, Jr. Baton Rouge, LA
Sheila Denise Coats ..... Meridian
Everett Hudson Crudup, III ..... Meridian
James Wallace Crump, Jr. ..... Jackson
Ralph David Davison, III ..... Greenville
Frank Stacey Dulaney ..... Terry
Michael Hardy Easterling .... Monroe, LA
*Kenneth Michael Ezell ..... Clinton
Samuel Albert Gaston, III .... Kenner, LA
Gusanita Grant ..... Jackson
**Marjorie Louise Green ..... West Point
*Toni F. Handshoe ..... Bay St. Louis
Randall Scott Hearon ... Birmingham, AL
#Beveraly Ann Hebron ..... Vicksburg
Joseph Donald Hilton ..... Long Beach
James William Holy ..... Jackson
*Rose Marie Hopper ..... Meridian
Waunita Mae Kelly ..... Memphis, TN
Carolyn Louise Landis ..... Godfrey, IL
Charles Robert Lathem ..... Jackson
***James Michael Mansour ..... Greenville
Joseph Marion Mansour ..... Greenville
*Jeanine Leigh Martin ..... Jackson
Lorraine Dale McGowan ..... Jackson
*Michael Helm Morris ..... Atlanta, GA
John Fargason Murrah .... Memphis, TN
Delia Ann Armstrong Shirley .... Jackson
#Marc Lindsey Simpkins ..... Gulfport
Vardaman Kimball Smith, III .... Madison
Milton Lee Spaugh ..... Jackson
#Anne Craig Staples ..... Fulton
Sheryl Kay Stringer ..... Gulfport
Peggy Smith Taylor ..... Yazoo City
***Judy Dianne White ..... Jackson

BACHELOR OF MUSIC

Sara Nell Bevill ..... Jackson
*Christopher Stanton Brunt ..... Jackson
Howard Mark Youngblood .. Waynesboro

HONORARY DEGREE

Carlton P. Minnick, Jr. ..... D.D.

*Cum Laude
**Magna Cum Laude
***Summa Cum Laude
#Summer Graduate

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CORRESPONDENCE

Inquiries on various subjects may be sent to college officials listed below at the following address: Millsaps College, Jackson, MS 39210.

Academic Programs . . . . . Vice-President and Dean of the College
Robert H. King

Academic work of students . . . . . Associate Dean of the College
Robert A. Shive, Jr.

Admissions, catalog requests
bulletins, and schedules . . . . . Director of Admissions
John Christmas

Alumni . . . . . Director of Alumni Relations and Annual Giving
Floy S. Holloman

Counseling, housing, health, social
activities, and general student welfare . . . . . Dean of Student Affairs
Stuart Good

General interests of the college . . . . . President
George M. Harmon

Payment of college bills . . . . . Business Office Manager
Warrene Lee

Registration and transcripts . . . . . Director of Records
Sara Brooks

Scholarships and financial aid . . . . . Director of Financial Aid
Jack Woodward

School of Management and
MBA programs . . . . . Dean of the School of Management
Jerry Whitt

Summer Session . . . . . Vice-President and Dean of the College
Robert H. King

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The provisions of this bulletin are not to be regarded as an irrevocable contract between the student and the college. This bulletin has attempted to present information regarding admission requirements, courses and degree requirements, tuition fees, and the general rules and regulations of the college for the year 1982–83 in as accurate and up-to-date fashion as possible. This does not, however, preclude the possibility of changes taking place during the academic year. If such changes occur they will be publicized through normal channels and will be included in the bulletin of the following printing.

1982

JANUARY

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1983

JANUARY

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FEBRUARY

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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

AUGUST

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

NOVEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31